

24395X

CIVIL ENGINEERING STUDIES
STRUCTURAL RESEARCH SERIES NO. 71



AD 1100. 24395X
ASTIA FILE COPY

OF DEFLECTION AND MOMENT COEFFICIENTS FOR THE STEADY-STATE VIBRATION OF UNIFORM BARS

By
A. S. VELETSOS
and
N. M. NEWMARK

Technical Report
to
OFFICE OF NAVAL RESEARCH
Contract N6ori-071(06), Task Order VI
Project NR-064-183

UNIVERSITY OF ILLINOIS
URBANA, ILLINOIS

THIS REPORT HAS BEEN DELIMITED
AND CLEARED FOR PUBLIC RELEASE
UNDER DOD DIRECTIVE 5200.20 AND
NO RESTRICTIONS ARE IMPOSED UPON
ITS USE AND DISCLOSURE.

DISTRIBUTION STATEMENT A

APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION UNLIMITED.

TABLES OF DEFLECTION AND MOMENT COEFFICIENTS FOR
THE STEADY-STATE VIBRATION OF UNIFORM BARS

by

A. S. Veletsos and N. M. Newmark

A Technical Report of a Research Program

Sponsored by

THE OFFICE OF NAVAL RESEARCH
DEPARTMENT OF THE NAVY

In Cooperation With
THE DEPARTMENT OF CIVIL ENGINEERING
UNIVERSITY OF ILLINOIS

Contract N6ori-071(06), Task Order VI
Project NR-064-183

Urbana, Illinois
May 1954

TABLES OF DEFLECTION AND MOMENT COEFFICIENTS FOR
THE STEADY-STATE VIBRATION OF UNIFORM BARS

by

A. S. Veletsos and N. M. Newmark

ABSTRACT

Tabulated in this report are numerical values for the following quantities: (a) coefficients of steady-state deflection for a uniform bar, fixed at one end and subjected to a harmonically varying deflection without rotation at the other end, and (b) coefficients of steady-state bending moment for a uniform bar, simply supported at both ends and subjected to a harmonically varying bending moment or deflection at one end. These quantities, together with those presented in a previous report (1)*, are intended to facilitate the determination of the steady-state response and of the natural modes of bending vibration of continuous beams and frames.

INTRODUCTION

In a previous report (1) a numerical method was presented for the calculation of the undamped natural frequencies of flexural vibration of continuous beams and frames. In Appendix C of that report, this method was also applied to the analysis of the steady-state vibration of continuous structures acted upon by harmonically varying forces, such as those resulting from rotating machinery. For a given frequency of vibration, one determines with this method the magnitude of the deflections and rotations

* Numbers in parentheses, unless otherwise identified, refer to the corresponding items in the Bibliography.

at the joints of the structure. If, in addition, one desires to determine the corresponding internal bending moments and shears, and the bending moments, shears, rotations and deflections at points between the joints, he must calculate them from the end displacements.

The steady-state bending moments and steady-state shears at the ends of a member can be calculated quite readily with the aid of the stiffness and the carry-over factors tabulated in reference (1). However, with the information available (1), (2) the deflections, rotations, shears and bending moments at points between joints cannot, in general, be obtained as readily. It is the purpose of this report to supplement the available information by providing data which can be used to facilitate the determination of the steady-state deflections and steady-state bending moments along the length of the members composing the structure.

It is proposed that the steady-state deflection at an interior point of a bar be determined by adding the deflections due to (a) the end rotations and (b) the end deflections; in each case, it is assumed that the bar is fixed at one end and subjected to the said displacement at the other end. It is further proposed that the bending moment at an interior point of a bar be determined by adding the bending moments due to (a) the end moments and (b) the end deflections, assuming, in each case, that the member is hinged at its ends.

Tabulated in this report are numerical values for the following quantities: (a) coefficients of steady-state deflection for a uniform bar, fixed at one end and subjected to a harmonically varying deflection without rotation at the other end, and (b) coefficients of steady-state

bending moment for a uniform bar, simply supported at both ends and subjected to a harmonically varying bending moment or deflection at one end. Coefficients of steady-state deflection for a uniform bar fixed at one end and subjected to a harmonically varying end rotation without deflection have already been presented in reference (1).

SIGN CONVENTION AND CHARACTERISTICS OF BARS CONSIDERED

Downward deflections are taken as positive. Bending moments are taken as positive when producing compression in the upper fibers of the bar.

The bars considered are assumed to be elastic and of uniform mass and cross section. The effects of damping, shear distortion, and rotatory inertia are neglected.

PRESENTATION OF RESULTS

Consider first a bar fixed at one end and subjected, at the other end, to a harmonically varying deflection without rotation, as shown in Fig. 1. Let the end deflection be represented by

$$\delta(t) = \delta_0 \cos \omega t, \quad (1)$$

where δ_0 is the amplitude of the deflection and ω is its circular frequency. It is desired to determine the distribution of the steady-state deflection along the length of the bar.

The steady-state deflection of the bar at a distance \bar{x} from the deflected end may conveniently be expressed as

$$y(\bar{x}, t) = C_{\delta} \delta_0 \cos \omega t, \quad (2)$$

where C_8 is a numerical coefficient to be discussed later.

Consider next the simply-supported bar shown in Fig. 2. Let one of its ends be subjected to a harmonically varying bending moment

$$M(t) = M_0 \cos \omega t, \quad (3)$$

where M_0 is the amplitude of the moment and ω is its circular frequency. In this case, it is desired to determine the distribution of steady-state bending moment along the length of the bar.

The steady-state bending moment in the bar at a distance \bar{x} , measured from the end where the exciting moment is applied, may be written as

$$M(\bar{x}, t) = C'_M M_0 \cos \omega t, \quad (4)$$

where, as before, the quantity C'_M is a numerical coefficient.

Consider finally that the simply-supported bar is subjected to a harmonically varying end deflection, instead of an end moment, as shown in Fig. 3. Let the end deflection be represented by Eq. (1). Then, the steady-state bending moment at a distance \bar{x} from the deflected end may be expressed as

$$M(\bar{x}, t) = C'_8 \frac{EI}{L^2} \delta_0 \cos \omega t. \quad (5)$$

The coefficients C_8 , C'_M and C'_8 in Eqs. (2), (4) and (5) are dimensionless. The pertinent expression for C_8 has been given in Appendix B of reference (1), whereas the expressions for C'_M and C'_8 have been presented by Hohenemser and Prager (2). From these expressions, which for convenience are assembled in the next section, it can be seen that C_8 , C'_M and C'_8 depend (a) on the dimensionless position coordinate

\bar{x}/L , and (b) on the dimensionless parameter

$$\lambda = \sqrt[4]{\frac{m\omega^2}{EI}} L, \quad (6)$$

in which m = the mass per unit of length of the bar,

ω = the circular frequency of vibration,

E = the modulus of elasticity of the material in the bar,

I = the moment of inertia of the bar cross section about its centroidal axis, and

L = the span length of the bar.

Numerical values of C_δ , C'_M and C'_δ , for successive twelfth points of a uniform bar, are given in Tables I, II, and III, respectively. They are presented for a range of frequencies from zero to a frequency corresponding to the third natural frequency of a fixed ended bar. All values are reported to five significant figures, but to no more than six decimal places. These quantities have been evaluated on the Electronic Digital Computer of the University of Illinois, and they are accurate to the number of figures reported.

It can readily be shown that Miller-Breslau's principle of influence lines is valid for dynamical systems undergoing steady-state forced vibration. Accordingly, the deflection coefficients given in Table I represent also ordinates of influence lines for steady-state, dynamic, fixed-end shear.

FORMULAS FOR C_δ , C_M' and C_δ'

with $\xi = \bar{x}/L$, the expressions for C_δ , C_M' and C_δ' are as follows:

$$C_\delta = \frac{1}{2\lambda(1 - \cosh \lambda \cos \lambda)} \left\{ \begin{aligned} &[\cosh \lambda - \cos \lambda] [\cosh (1-\xi)\lambda - \cos (1-\xi)\lambda] \\ &- [\sinh \lambda + \sin \lambda] [\sinh (1-\xi)\lambda - \sin (1-\xi)\lambda] \end{aligned} \right\}$$

$$C_M' = \frac{\sin \lambda(1-\xi)}{2\sin \lambda} + \frac{\sinh \lambda(1-\xi)}{2\sinh \lambda}$$

$$C_\delta' = \lambda^2 \left[\frac{\sin \lambda(1-\xi)}{2\sin \lambda} - \frac{\sinh \lambda(1-\xi)}{2\sinh \lambda} \right]$$

ACKNOWLEDGEMENT

This investigation has been part of a research program on "Numerical and Approximate Methods of Stress Analysis" sponsored by the Mechanics Branch of the Office of Naval Research in the Structural Research Laboratory, Department of Civil Engineering, of the University of Illinois. The expressions for the quantities reported were coded for machine solution by Mr. A. J. Carlson, Jr., formerly Research Associate in Civil Engineering.

BIBLIOGRAPHY

- (1) "A Method for Calculating the Natural Frequencies of Continuous Beams, Frames and Certain Types of Plates," by A. S. Veletsos and N. M. Newmark, University of Illinois Structural Research Series Report No. 58, June 1953.
- (2) "Dynamik der Stabwerke," by K. Hohenemser and W. Prager, Julius Springer, Berlin, 1933.

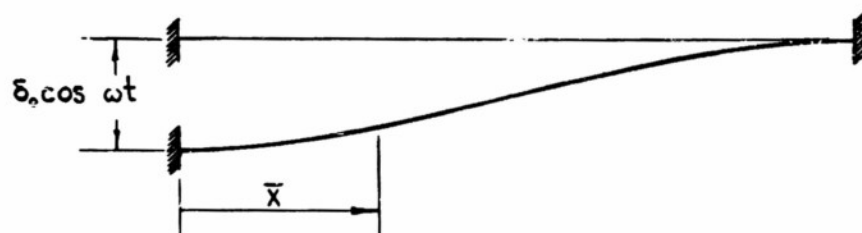


FIG. 1

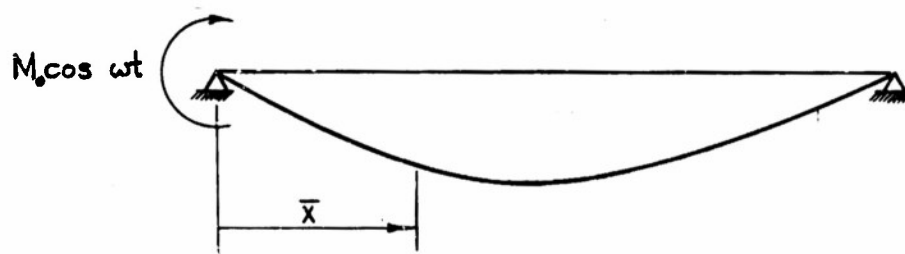


FIG. 2

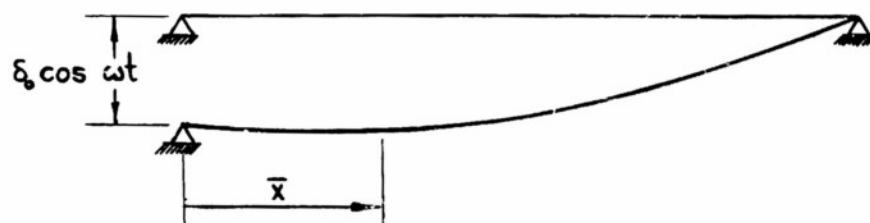


FIG. 3

TABLE I

VALUES OF THE COEFFICIENT C_δ

Consider a uniform bar which is fixed at one end and is subjected to a harmonically varying deflection without rotation at the other end. For an end deflection $\delta(t) = \delta_0 \cos \omega t$, the steady-state deflection of the bar at a distance x from the deflected end may be expressed as

$$y(x, t) = y_x \cos \omega t, \text{ where } y_x = C_\delta \delta_0$$

Tabulated herein are values of C_δ for successive twelfth points of the bar as a function of the dimensionless parameter

$$\lambda = \sqrt{\frac{m \omega^2}{EI}} L$$

in which m is the mass per unit of length of the bar; ω is the circular frequency of vibration; E is the modulus of elasticity of the material in the bar; I is the moment of inertia of the bar cross section about its centroidal axis; and L is the span length of the bar.

These values also represent ordinates of an influence line for steady-state fixed end shear due to a harmonically varying concentrated force.

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
0	0.98032	0.92593	0.84375	0.74074	0.62384	0.50000	0.37616	0.25926	0.15825	0.074074	0.019676	
0.50	0.98038	0.92596	0.84380	0.74081	0.62392	0.50008	0.37623	0.25932	0.15829	0.074095	0.019632	
0.60	0.98034	0.92599	0.84386	0.74089	0.62401	0.50017	0.37631	0.25938	0.15838	0.074117	0.019628	
0.70	0.98036	0.92604	0.84395	0.74101	0.62415	0.50031	0.37644	0.25948	0.15840	0.074154	0.019639	
0.80	0.98038	0.92612	0.84409	0.74120	0.62437	0.50058	0.37664	0.25964	0.15851	0.074210	0.019715	
0.90	0.98042	0.92624	0.84430	0.74148	0.62469	0.50086	0.37693	0.25987	0.15867	0.074291	0.019788	
1.00	0.98047	0.92640	0.84458	0.74186	0.62513	0.50180	0.37734	0.26020	0.15889	0.074406	0.019771	
1.05	0.98050	0.92650	0.84476	0.74211	0.62541	0.50159	0.37759	0.26040	0.15702	0.074477	0.019792	
1.10	0.98054	0.92662	0.84497	0.74239	0.62578	0.50191	0.37788	0.26063	0.15718	0.074569	0.019816	
1.15	0.98058	0.92676	0.84521	0.74271	0.62610	0.50229	0.37822	0.26090	0.15786	0.074655	0.019843	
1.20	0.98063	0.92691	0.84548	0.74307	0.62652	0.50271	0.37860	0.26121	0.15757	0.074769	0.019874	

TABLE 1 - VALUES OF THE COEFFICIENT C_3 - CONTINUED

λ	RATIO λ/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
1.25	0.98069	0.92709	0.84579	0.74349	0.62700	0.50819	0.37904	0.26156	0.15781	0.074886	0.019909
1.26	0.98070	0.92712	0.84585	0.74350	0.62710	0.50830	0.37914	0.26168	0.15785	0.074913	0.019917
1.27	0.98071	0.92716	0.84592	0.74357	0.62721	0.50841	0.37928	0.26171	0.15791	0.074940	0.019925
1.28	0.98072	0.92720	0.84599	0.74377	0.62731	0.50851	0.37938	0.26179	0.15795	0.074968	0.019933
1.29	0.98074	0.92724	0.84606	0.74386	0.62742	0.50863	0.37948	0.26187	0.15802	0.074996	0.019941
1.30	0.98075	0.92728	0.84613	0.74396	0.62754	0.50874	0.37958	0.26195	0.15807	0.075025	0.019949
1.31	0.98076	0.92733	0.84621	0.74406	0.62765	0.50886	0.37964	0.26203	0.15818	0.075055	0.019958
1.32	0.98078	0.92737	0.84628	0.74416	0.62777	0.50898	0.37975	0.26212	0.15819	0.075085	0.019967
1.33	0.98079	0.92741	0.84636	0.74427	0.62789	0.50910	0.37986	0.26221	0.15825	0.075117	0.019976
1.34	0.98080	0.92746	0.84644	0.74438	0.62802	0.50923	0.37997	0.26230	0.15831	0.075149	0.019985
1.35	0.98082	0.92751	0.84652	0.74449	0.62814	0.50935	0.38009	0.26239	0.15837	0.075181	0.019994
1.36	0.98083	0.92755	0.84661	0.74460	0.62827	0.50949	0.38021	0.26249	0.15844	0.075215	0.020004
1.37	0.98085	0.92760	0.84669	0.74471	0.62841	0.50962	0.38033	0.26258	0.15850	0.075249	0.020014
1.38	0.98086	0.92765	0.84678	0.74484	0.62854	0.50976	0.38045	0.26268	0.15857	0.075284	0.020024
1.39	0.98088	0.92770	0.84687	0.74496	0.62868	0.50990	0.38058	0.26278	0.15864	0.075320	0.020034
1.40	0.98090	0.92775	0.84696	0.74508	0.62882	0.50504	0.38071	0.26289	0.15871	0.075356	0.020044
1.41	0.98091	0.92781	0.84706	0.74521	0.62897	0.50519	0.38084	0.26299	0.15878	0.075394	0.020055
1.42	0.98093	0.92786	0.84715	0.74533	0.62911	0.50534	0.38098	0.26310	0.15885	0.075432	0.020066
1.43	0.98095	0.92792	0.84725	0.74547	0.62927	0.50549	0.38111	0.26321	0.15893	0.075471	0.020077
1.44	0.98097	0.92797	0.84735	0.74560	0.62942	0.50565	0.38126	0.26332	0.15900	0.075511	0.020089
1.45	0.98098	0.92803	0.84745	0.74574	0.62958	0.50581	0.38140	0.26344	0.15908	0.075551	0.020101
1.46	0.98100	0.92809	0.84755	0.74588	0.62974	0.50597	0.38155	0.26356	0.15916	0.075593	0.020112
1.47	0.98102	0.92815	0.84766	0.74602	0.62990	0.50614	0.38170	0.26368	0.15924	0.075636	0.020125
1.48	0.98104	0.92821	0.84777	0.74617	0.63007	0.50631	0.38185	0.26380	0.15933	0.075678	0.020137
1.49	0.98106	0.92828	0.84786	0.74632	0.63024	0.50648	0.38201	0.26392	0.15941	0.075723	0.020150
1.50	0.98108	0.92834	0.84799	0.74647	0.63042	0.50666	0.38217	0.26405	0.15950	0.075768	0.020163
1.51	0.98110	0.92841	0.84811	0.74668	0.63060	0.50684	0.38238	0.26418	0.15959	0.075815	0.020176
1.52	0.98112	0.92847	0.84823	0.74673	0.63078	0.50703	0.38250	0.26432	0.15968	0.075862	0.020190
1.53	0.98114	0.92854	0.84835	0.74695	0.63097	0.50722	0.38267	0.26445	0.15977	0.075910	0.020204
1.54	0.98116	0.92861	0.84847	0.74711	0.63116	0.50741	0.38285	0.26459	0.15985	0.075959	0.020218
1.55	0.98119	0.92868	0.84859	0.74728	0.63135	0.50760	0.38302	0.26473	0.15995	0.076009	0.020232
1.56	0.98121	0.92875	0.84872	0.74746	0.63155	0.50780	0.38320	0.26488	0.16006	0.076060	0.020247
1.57	0.98123	0.92883	0.84885	0.74768	0.63175	0.50801	0.38339	0.26502	0.16016	0.076112	0.020262
1.58	0.98126	0.92890	0.84898	0.74781	0.63196	0.50822	0.38358	0.26517	0.16026	0.076165	0.020277
1.59	0.98128	0.92898	0.84912	0.74799	0.63217	0.50843	0.38377	0.26533	0.16036	0.076220	0.020293

TABLE 1 - VALUES OF THE COEFFICIENT C_b - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
1.60	0.98180	0.92906	0.84926	0.74818	0.63238	0.50865	0.38937	0.26548	0.16047	0.076275	0.020307
1.61	0.98183	0.92914	0.84940	0.74837	0.63260	0.50887	0.38947	0.26564	0.16058	0.076381	0.020325
1.62	0.98185	0.92922	0.84954	0.74856	0.63282	0.50909	0.38957	0.26581	0.16069	0.076481	0.020341
1.63	0.98188	0.92930	0.84969	0.74876	0.63305	0.50932	0.38968	0.26597	0.16080	0.076581	0.020359
1.64	0.98191	0.92939	0.84984	0.74896	0.63328	0.50956	0.38979	0.26614	0.16091	0.076681	0.020375
1.65	0.98193	0.92947	0.84999	0.74917	0.63352	0.50980	0.38501	0.26631	0.16103	0.076781	0.020393
1.66	0.98196	0.92956	0.85014	0.74938	0.63376	0.51004	0.38522	0.26649	0.16115	0.076881	0.020411
1.67	0.98199	0.92965	0.85030	0.74959	0.63400	0.51029	0.38545	0.26667	0.16127	0.076981	0.020429
1.68	0.98152	0.92974	0.85046	0.74981	0.63425	0.51054	0.38568	0.26685	0.16139	0.077081	0.020447
1.69	0.98155	0.92984	0.85062	0.75003	0.63450	0.51080	0.38591	0.26703	0.16152	0.077181	0.020466
1.70	0.98158	0.92993	0.85079	0.75025	0.63476	0.51106	0.38615	0.26722	0.16165	0.077281	0.020486
1.71	0.98161	0.93003	0.85096	0.75048	0.63503	0.51133	0.38639	0.26741	0.16178	0.077381	0.020505
1.72	0.98164	0.93018	0.85113	0.75072	0.63530	0.51160	0.38663	0.26761	0.16191	0.077481	0.020525
1.73	0.98167	0.93023	0.85131	0.75095	0.63557	0.51188	0.38689	0.26781	0.16205	0.077581	0.020545
1.74	0.98170	0.93033	0.85149	0.75120	0.63585	0.51216	0.38714	0.26801	0.16218	0.077681	0.020566
1.75	0.98173	0.93043	0.85167	0.75144	0.63613	0.51245	0.38740	0.26822	0.16233	0.077781	0.020587
1.76	0.98177	0.93054	0.85186	0.75169	0.63642	0.51274	0.38766	0.26843	0.16247	0.077881	0.020609
1.77	0.98180	0.93064	0.85204	0.75195	0.63671	0.51304	0.38793	0.26865	0.16261	0.077981	0.020631
1.78	0.98183	0.93075	0.85224	0.75221	0.63701	0.51334	0.38821	0.26887	0.16276	0.078081	0.020653
1.79	0.98187	0.93087	0.85243	0.75248	0.63732	0.51365	0.38849	0.26909	0.16291	0.078181	0.020676
1.80	0.98190	0.93098	0.85263	0.75275	0.63763	0.51397	0.38877	0.26932	0.16307	0.078281	0.020699
1.81	0.98194	0.93109	0.85284	0.75302	0.63794	0.51428	0.38906	0.26955	0.16322	0.078381	0.020722
1.82	0.98198	0.93121	0.85304	0.75330	0.63826	0.51461	0.38935	0.26978	0.16338	0.078481	0.020746
1.83	0.98201	0.93133	0.85325	0.75358	0.63859	0.51494	0.38965	0.27002	0.16355	0.078581	0.020770
1.84	0.98205	0.93145	0.85347	0.75387	0.63892	0.51528	0.38996	0.27026	0.16371	0.078681	0.020795
1.85	0.98209	0.93158	0.85368	0.75417	0.63926	0.51562	0.39027	0.27051	0.16388	0.078781	0.020820
1.86	0.98213	0.93170	0.85390	0.75447	0.63960	0.51597	0.39058	0.27076	0.16405	0.078881	0.020846
1.87	0.98217	0.93183	0.85413	0.75477	0.63995	0.51633	0.39091	0.27102	0.16422	0.078981	0.020872
1.88	0.98221	0.93196	0.85436	0.75508	0.64031	0.51669	0.39128	0.27128	0.16440	0.079081	0.020899
1.89	0.98225	0.93209	0.85459	0.75540	0.64067	0.51705	0.39156	0.27154	0.16458	0.079181	0.020926
1.90	0.98229	0.93223	0.85483	0.75572	0.64104	0.51743	0.39190	0.27181	0.16476	0.079281	0.020953
1.91	0.98234	0.93236	0.85507	0.75604	0.64142	0.51781	0.39225	0.27209	0.16495	0.079381	0.020981
1.92	0.98238	0.93250	0.85531	0.75637	0.64180	0.51819	0.39259	0.27237	0.16513	0.079481	0.021010
1.93	0.98242	0.93264	0.85556	0.75671	0.64218	0.51859	0.39295	0.27265	0.16533	0.079581	0.021038
1.94	0.98247	0.93273	0.85581	0.75705	0.64258	0.51899	0.39331	0.27294	0.16553	0.079681	0.021068

TABLE 1 - VALUES OF THE COEFFICIENT C_{λ} - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
1.95	0.98251	0.93293	0.85607	0.75740	0.64298	0.51939	0.39860	0.27323	0.16572	0.079019	0.021098
1.96	0.98256	0.93308	0.85633	0.75775	0.64339	0.51981	0.39885	0.27353	0.16598	0.079125	0.021128
1.97	0.98261	0.93323	0.85660	0.75811	0.64380	0.52023	0.39913	0.27383	0.16613	0.079233	0.021159
1.98	0.98266	0.93339	0.85687	0.75848	0.64422	0.52065	0.39942	0.27413	0.16634	0.079342	0.021191
1.99	0.98270	0.93354	0.85714	0.75885	0.64465	0.52109	0.39971	0.27446	0.16656	0.079453	0.021228
2.00	0.98275	0.93370	0.85742	0.75923	0.64508	0.52153	0.39998	0.27477	0.16677	0.079566	0.021255
2.01	0.98280	0.93386	0.85771	0.75961	0.64553	0.52198	0.40026	0.27510	0.16699	0.079681	0.021288
2.02	0.98286	0.93402	0.85800	0.76001	0.64597	0.52243	0.40054	0.27543	0.16721	0.079798	0.021322
2.03	0.98291	0.93419	0.85829	0.76040	0.64643	0.52290	0.40083	0.27576	0.16744	0.079916	0.021356
2.04	0.98296	0.93436	0.85859	0.76081	0.64690	0.52337	0.40113	0.27610	0.16767	0.080037	0.021391
2.05	0.98301	0.93453	0.85889	0.76122	0.64737	0.52385	0.40143	0.27645	0.16791	0.080160	0.021426
2.06	0.98307	0.93471	0.85920	0.76163	0.64785	0.52433	0.40176	0.27680	0.16815	0.080284	0.021462
2.07	0.98312	0.93488	0.85951	0.76205	0.64833	0.52483	0.40209	0.27716	0.16839	0.080411	0.021498
2.08	0.98318	0.93506	0.85983	0.76248	0.64883	0.52533	0.40243	0.27752	0.16864	0.080540	0.021535
2.09	0.98324	0.93525	0.86015	0.76292	0.64933	0.52584	0.40276	0.27789	0.16889	0.080671	0.021573
2.10	0.98329	0.93543	0.86048	0.76336	0.64984	0.52636	0.40309	0.27826	0.16914	0.080804	0.021611
2.11	0.98335	0.93562	0.86081	0.76382	0.65036	0.52689	0.40346	0.27865	0.16940	0.080939	0.021650
2.12	0.98341	0.93581	0.86115	0.76427	0.65089	0.52742	0.40384	0.27903	0.16966	0.081076	0.021690
2.13	0.98347	0.93601	0.86149	0.76474	0.65142	0.52796	0.40423	0.27943	0.16993	0.081216	0.021730
2.14	0.98354	0.93620	0.86184	0.76521	0.65197	0.52852	0.40463	0.27982	0.17020	0.081357	0.021771
2.15	0.98360	0.93640	0.86219	0.76569	0.65252	0.52908	0.40504	0.28023	0.17048	0.081501	0.021812
2.16	0.98366	0.93661	0.86255	0.76618	0.65308	0.52965	0.40546	0.28064	0.17076	0.081649	0.021854
2.17	0.98373	0.93681	0.86292	0.76667	0.65365	0.53023	0.40588	0.28106	0.17104	0.081796	0.021897
2.18	0.98379	0.93702	0.86329	0.76717	0.65423	0.53081	0.40631	0.28149	0.17133	0.081947	0.021940
2.19	0.98386	0.93724	0.86366	0.76768	0.65481	0.53141	0.40676	0.28192	0.17162	0.082101	0.021984
2.20	0.98393	0.93745	0.86404	0.76820	0.65541	0.53202	0.40724	0.28236	0.17192	0.082256	0.022029
2.21	0.98399	0.93767	0.86443	0.76873	0.65602	0.53263	0.40776	0.28280	0.17222	0.082415	0.022075
2.22	0.98406	0.93790	0.86483	0.76926	0.65663	0.53326	0.40831	0.28326	0.17253	0.082575	0.022121
2.23	0.98413	0.93812	0.86523	0.76980	0.65726	0.53389	0.40889	0.28372	0.17284	0.082739	0.022168
2.24	0.98421	0.93835	0.86563	0.77036	0.65789	0.53454	0.40951	0.28418	0.17316	0.082904	0.022216
2.25	0.98428	0.93859	0.86604	0.77091	0.65854	0.53519	0.41019	0.28466	0.17348	0.083073	0.022261
2.26	0.98435	0.93882	0.86646	0.77148	0.65919	0.53586	0.41088	0.28514	0.17381	0.083244	0.022314
2.27	0.98443	0.93907	0.86689	0.77206	0.65985	0.53653	0.41159	0.28563	0.17414	0.083417	0.022364
2.28	0.98450	0.93931	0.86732	0.77264	0.66053	0.53722	0.41231	0.28612	0.17448	0.083594	0.022414
2.29	0.98458	0.93956	0.86776	0.77324	0.66121	0.53791	0.41305	0.28663	0.17482	0.083773	0.022466

TABLE 1 - VALUES OF THE COEFFICIENT C_F - CONTINUED

λ	RATIO λ/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
2.30	0.98466	0.93981	0.86820	0.77304	0.66191	0.53862	0.41119	0.28714	0.17517	0.083955	0.022518
2.31	0.98474	0.94006	0.86865	0.77445	0.66261	0.53984	0.41174	0.28766	0.17532	0.084140	0.022572
2.32	0.98482	0.94032	0.86911	0.77507	0.66333	0.54007	0.41240	0.28819	0.17588	0.084327	0.022626
2.33	0.98490	0.94059	0.86957	0.77570	0.66406	0.54081	0.41307	0.28872	0.17625	0.084518	0.022680
2.34	0.98498	0.94085	0.87004	0.77634	0.66479	0.54156	0.41375	0.28927	0.17661	0.084711	0.022736
2.35	0.98507	0.94112	0.87052	0.77699	0.66554	0.54232	0.41444	0.28982	0.17699	0.084908	0.022793
2.36	0.98515	0.94140	0.87101	0.77765	0.66630	0.54309	0.41514	0.29038	0.17737	0.085107	0.022850
2.37	0.98524	0.94168	0.87150	0.77832	0.66707	0.54388	0.41585	0.29095	0.17776	0.085309	0.022908
2.38	0.98533	0.94196	0.87200	0.77900	0.66786	0.54467	0.41657	0.29153	0.17815	0.085515	0.022968
2.39	0.98542	0.94225	0.87251	0.77969	0.66865	0.54548	0.41731	0.29211	0.17855	0.085724	0.023028
2.40	0.98551	0.94254	0.87302	0.78039	0.66946	0.54630	0.41805	0.29271	0.17896	0.085935	0.023089
2.41	0.98560	0.94283	0.87354	0.78110	0.67028	0.54714	0.41881	0.29331	0.17937	0.086151	0.023151
2.42	0.98569	0.94313	0.87407	0.78182	0.67111	0.54798	0.41957	0.29393	0.17978	0.086369	0.023214
2.43	0.98579	0.94344	0.87461	0.78255	0.67195	0.54884	0.42035	0.29455	0.18021	0.086591	0.023277
2.44	0.98588	0.94375	0.87516	0.78329	0.67281	0.54971	0.42114	0.29518	0.18064	0.086816	0.023342
2.45	0.98598	0.94406	0.87571	0.78404	0.67368	0.55060	0.42194	0.29583	0.18107	0.087044	0.023408
2.46	0.98608	0.94438	0.87627	0.78481	0.67456	0.55149	0.42276	0.29648	0.18152	0.087276	0.023475
2.47	0.98618	0.94470	0.87684	0.78558	0.67545	0.55240	0.42359	0.29714	0.18197	0.087512	0.023543
2.48	0.98628	0.94503	0.87742	0.78637	0.67636	0.55333	0.42442	0.29781	0.18242	0.087751	0.023612
2.49	0.98638	0.94536	0.87801	0.78716	0.67728	0.55427	0.42528	0.29849	0.18285	0.087994	0.023682
2.50	0.98649	0.94569	0.87860	0.78797	0.67822	0.55522	0.42614	0.29918	0.18336	0.088240	0.023753
2.51	0.98660	0.94603	0.87921	0.78879	0.67916	0.55618	0.42702	0.29989	0.18384	0.088490	0.023825
2.52	0.98670	0.94638	0.87982	0.78963	0.68013	0.55717	0.42791	0.30060	0.18432	0.088744	0.023898
2.53	0.98681	0.94673	0.88044	0.79047	0.68110	0.55816	0.42881	0.30132	0.18481	0.089002	0.023972
2.54	0.98692	0.94709	0.88107	0.79133	0.68210	0.55917	0.42973	0.30206	0.18531	0.089263	0.024048
2.55	0.98703	0.94745	0.88171	0.79220	0.68310	0.56020	0.43066	0.30280	0.18582	0.089529	0.024124
2.56	0.98715	0.94782	0.88236	0.79308	0.68412	0.56123	0.43160	0.30356	0.18634	0.089799	0.024202
2.57	0.98726	0.94819	0.88302	0.79398	0.68516	0.56229	0.43256	0.30433	0.18686	0.090072	0.024281
2.58	0.98738	0.94856	0.88368	0.79489	0.68621	0.56336	0.43353	0.30511	0.18739	0.090350	0.024361
2.59	0.98750	0.94895	0.88436	0.79581	0.68727	0.56445	0.43452	0.30590	0.18793	0.090632	0.024442
2.60	0.98762	0.94933	0.88505	0.79675	0.68835	0.56555	0.43552	0.30670	0.18847	0.090918	0.024525
2.61	0.98774	0.94973	0.88574	0.79769	0.68945	0.56667	0.43654	0.30751	0.18903	0.091209	0.024608
2.62	0.98787	0.95013	0.88645	0.79866	0.69057	0.56781	0.43757	0.30834	0.18959	0.091504	0.024694
2.63	0.98799	0.95053	0.88717	0.79963	0.69169	0.56896	0.43862	0.30915	0.19016	0.091803	0.024780
2.64	0.98812	0.95094	0.88790	0.80062	0.69284	0.57013	0.43968	0.31013	0.19074	0.092107	0.024867

TABLE 1 - VALUES OF THE COEFFICIENT C_6 - CONTINUED

λ	RATIO λ/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
2.65	0.98825	0.95136	0.88863	0.80163	0.69100	0.57131	0.44076	0.31090	0.19133	0.092415	0.023956
2.66	0.98838	0.95173	0.88938	0.80265	0.69118	0.57252	0.44185	0.31177	0.19198	0.092729	0.025047
2.67	0.98851	0.95221	0.89014	0.80368	0.69138	0.57374	0.44296	0.31267	0.19254	0.093047	0.025138
2.68	0.98865	0.95264	0.89091	0.80473	0.69160	0.57498	0.44409	0.31357	0.19315	0.093369	0.025231
2.69	0.98878	0.95308	0.89169	0.80580	0.69183	0.57624	0.44524	0.31449	0.19378	0.093697	0.025326
2.70	0.98892	0.95353	0.89249	0.80688	0.70008	0.57751	0.44640	0.31532	0.19441	0.094029	0.025422
2.71	0.98906	0.95398	0.89329	0.80798	0.70135	0.57881	0.44758	0.31636	0.19506	0.094367	0.025519
2.72	0.98920	0.95444	0.89410	0.80909	0.70264	0.58013	0.44877	0.31732	0.19571	0.094709	0.025618
2.73	0.98935	0.95491	0.89493	0.81022	0.70394	0.58146	0.44999	0.31880	0.19637	0.095057	0.025718
2.74	0.98949	0.95538	0.89577	0.81136	0.70527	0.58281	0.45122	0.31928	0.19705	0.095410	0.025820
2.75	0.98964	0.95586	0.89662	0.81252	0.70661	0.58419	0.45247	0.32029	0.19773	0.095769	0.025924
2.76	0.98979	0.95635	0.89748	0.81370	0.70798	0.58558	0.45374	0.32131	0.19843	0.096133	0.026029
2.77	0.98995	0.95684	0.89836	0.81489	0.70936	0.58696	0.45502	0.32234	0.19913	0.096502	0.026135
2.78	0.99010	0.95734	0.89925	0.81611	0.71077	0.58833	0.45633	0.32339	0.19985	0.096877	0.026243
2.79	0.99026	0.95785	0.90015	0.81734	0.71220	0.58989	0.45766	0.32445	0.20057	0.097258	0.026354
2.80	0.99042	0.95836	0.90106	0.81859	0.71364	0.59137	0.45900	0.32553	0.20131	0.097645	0.026465
2.81	0.99058	0.95888	0.90199	0.81985	0.71511	0.59287	0.46037	0.32663	0.20206	0.098037	0.026578
2.82	0.99074	0.95941	0.90293	0.82114	0.71660	0.59439	0.46176	0.32775	0.20282	0.098436	0.026693
2.83	0.99091	0.95995	0.90389	0.82244	0.71811	0.59594	0.46317	0.32888	0.20359	0.098840	0.026810
2.84	0.99108	0.96049	0.90485	0.82376	0.71965	0.59751	0.46459	0.33002	0.20437	0.099251	0.026929
2.85	0.99125	0.96104	0.90584	0.82510	0.72120	0.59910	0.46605	0.33119	0.20517	0.099668	0.027049
2.86	0.99142	0.96160	0.90683	0.82647	0.72278	0.60072	0.46752	0.33237	0.20597	0.10009	0.027171
2.87	0.99159	0.96217	0.90784	0.82785	0.72439	0.60236	0.46901	0.33357	0.20679	0.10052	0.027296
2.88	0.99177	0.96275	0.90887	0.82925	0.72601	0.60402	0.47053	0.33479	0.20763	0.10096	0.027422
2.89	0.99195	0.96333	0.90991	0.83067	0.72767	0.60571	0.47207	0.33603	0.20847	0.10140	0.027550
2.90	0.99214	0.96393	0.91096	0.83212	0.72934	0.60743	0.47363	0.33729	0.20933	0.10185	0.027680
2.91	0.99232	0.96453	0.91203	0.83358	0.73104	0.60917	0.47522	0.33856	0.21023	0.10231	0.027812
2.92	0.99251	0.96514	0.91312	0.83507	0.73277	0.61094	0.47683	0.33986	0.21108	0.10277	0.027946
2.93	0.99270	0.96576	0.91422	0.83657	0.73452	0.61278	0.47847	0.34117	0.21198	0.10324	0.028082
2.94	0.99289	0.96638	0.91534	0.83810	0.73630	0.61455	0.48013	0.34251	0.21289	0.10372	0.028220
2.95	0.99309	0.96702	0.91647	0.83966	0.73810	0.61640	0.48182	0.34386	0.21382	0.10421	0.028361
2.96	0.99329	0.96767	0.91763	0.84123	0.73994	0.61828	0.48353	0.34524	0.21476	0.10470	0.028503
2.97	0.99349	0.96832	0.91879	0.84283	0.74179	0.62018	0.48527	0.34664	0.21571	0.10520	0.028648
2.98	0.99370	0.96899	0.91998	0.84446	0.74368	0.62211	0.48708	0.34806	0.21668	0.10571	0.028795
2.99	0.99391	0.96966	0.92118	0.84610	0.74560	0.62408	0.48882	0.34950	0.21767	0.10623	0.028945

TABLE 1 - VALUES OF THE COEFFICIENT C_s - CONTINUED

λ	RATIO λ/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
3.00	0.99412	0.97085	0.92240	0.84778	0.74754	0.62607	0.49824	0.36897	0.21867	0.10676	0.029957
3.01	0.99433	0.97104	0.92364	0.84917	0.74952	0.62810	0.49249	0.36953	0.21969	0.10729	0.029251
3.02	0.99455	0.97174	0.92490	0.85120	0.75152	0.63015	0.49437	0.37096	0.22072	0.10788	0.029408
3.03	0.99477	0.97246	0.92617	0.85294	0.75356	0.63224	0.49627	0.37350	0.22177	0.10838	0.029567
3.04	0.99499	0.97318	0.92747	0.85472	0.75562	0.63436	0.49821	0.37605	0.22283	0.10894	0.029728
3.05	0.99522	0.97392	0.92878	0.85652	0.75772	0.63651	0.50017	0.37864	0.22391	0.10951	0.029898
3.06	0.99545	0.97467	0.93011	0.85835	0.75985	0.63869	0.50217	0.38024	0.22501	0.11009	0.029960
3.07	0.99568	0.97542	0.93147	0.86021	0.76201	0.64091	0.50420	0.38188	0.22618	0.11068	0.029929
3.08	0.99592	0.97619	0.93284	0.86209	0.76420	0.64317	0.50626	0.38354	0.22726	0.11127	0.030002
3.09	0.99616	0.97697	0.93423	0.86400	0.76643	0.64545	0.50835	0.38522	0.22841	0.11188	0.030077
3.10	0.99640	0.97777	0.93565	0.86595	0.76870	0.64778	0.51047	0.38693	0.22959	0.11249	0.030155
3.11	0.99665	0.97857	0.93709	0.86792	0.77100	0.65014	0.51263	0.38867	0.23078	0.11312	0.030236
3.12	0.99690	0.97938	0.93854	0.86992	0.77333	0.65254	0.51482	0.39044	0.23198	0.11375	0.030312
3.13	0.99715	0.98021	0.94002	0.87196	0.77570	0.65497	0.51705	0.39223	0.23321	0.11440	0.030390
3.14	0.99741	0.98105	0.94153	0.87402	0.77811	0.65745	0.51931	0.39406	0.23446	0.11506	0.030469
3.15	0.99767	0.98191	0.94305	0.87612	0.78056	0.65996	0.52161	0.39591	0.23573	0.11572	0.030549
3.16	0.99794	0.98277	0.94460	0.87825	0.78304	0.66251	0.52395	0.39780	0.23702	0.11640	0.030628
3.17	0.99821	0.98365	0.94617	0.88041	0.78556	0.66511	0.52632	0.39971	0.23833	0.11709	0.030708
3.18	0.99848	0.98454	0.94777	0.88261	0.78813	0.66774	0.52874	0.40166	0.23966	0.11779	0.030788
3.19	0.99876	0.98545	0.94939	0.88484	0.79078	0.67042	0.53119	0.40363	0.24102	0.11850	0.030869
3.20	0.99904	0.98637	0.95104	0.88710	0.79338	0.67314	0.53363	0.40565	0.24239	0.11923	0.030950
3.21	0.99933	0.98730	0.95271	0.88940	0.79606	0.67591	0.53621	0.40769	0.24379	0.11997	0.031031
3.22	0.99962	0.98825	0.95441	0.89174	0.79879	0.67872	0.53879	0.40977	0.24522	0.12071	0.031113
3.23	0.99992	0.98921	0.95614	0.89412	0.80157	0.68153	0.54140	0.41188	0.24666	0.12148	0.031195
3.24	1.0002	0.99019	0.95789	0.89658	0.80439	0.68438	0.54406	0.41402	0.24813	0.12225	0.031277
3.25	1.0005	0.99118	0.95967	0.89898	0.80725	0.68743	0.54677	0.41621	0.24963	0.12304	0.031360
3.26	1.0008	0.99219	0.96148	0.90147	0.81017	0.69043	0.54951	0.41848	0.25115	0.12384	0.031443
3.27	1.0011	0.99321	0.96332	0.90401	0.81313	0.69348	0.55231	0.42068	0.25270	0.12465	0.031527
3.28	1.0015	0.99425	0.96518	0.90658	0.81614	0.69658	0.55515	0.42298	0.25427	0.12548	0.031611
3.29	1.0018	0.99531	0.96708	0.90919	0.81919	0.69973	0.55804	0.42531	0.25587	0.12633	0.031695
3.30	1.0021	0.99638	0.96900	0.91185	0.82230	0.70293	0.56093	0.42769	0.25750	0.12718	0.031780
3.31	1.0024	0.99747	0.97096	0.91455	0.82546	0.70619	0.56397	0.43010	0.25915	0.12805	0.031865
3.32	1.0028	0.99858	0.97295	0.91729	0.82867	0.70950	0.56701	0.43256	0.26084	0.12894	0.031951
3.33	1.0031	0.99970	0.97497	0.92008	0.83194	0.71287	0.57010	0.43506	0.26255	0.12985	0.032037
3.34	1.0035	1.0008	0.97703	0.92292	0.83526	0.71629	0.57324	0.43760	0.26430	0.13076	0.032124

TABLE 1 - VALUES OF THE COEFFICIENT C_S - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
3.35	1.0038	1.0020	0.97912	0.92530	0.83864	0.71978	0.57644	0.42019	0.26607	0.13170	0.036316
3.36	1.0042	1.0032	0.98124	0.92874	0.84207	0.72332	0.57970	0.42282	0.26788	0.13265	0.036592
3.37	1.0046	1.0044	0.98340	0.93172	0.84557	0.72693	0.58301	0.42550	0.26972	0.13342	0.036872
3.38	1.0049	1.0056	0.98559	0.93475	0.84912	0.73060	0.58638	0.42822	0.27159	0.13461	0.037158
3.39	1.0053	1.0068	0.98782	0.93783	0.85274	0.73433	0.58980	0.43100	0.27349	0.13561	0.037449
3.40	1.0057	1.0081	0.99009	0.94097	0.85641	0.73818	0.59329	0.43382	0.27548	0.13669	0.037746
3.41	1.0061	1.0094	0.99240	0.94416	0.86015	0.74199	0.59685	0.43670	0.27740	0.13767	0.038047
3.42	1.0065	1.0107	0.99474	0.94740	0.86395	0.74593	0.60046	0.43962	0.27941	0.13873	0.038355
3.43	1.0069	1.0120	0.99713	0.95070	0.86773	0.74993	0.60414	0.44260	0.28146	0.13981	0.038668
3.44	1.0073	1.0134	0.99955	0.95406	0.87178	0.75400	0.60789	0.44564	0.28354	0.14091	0.038987
3.45	1.0077	1.0147	1.0020	0.95748	0.87579	0.75815	0.61170	0.44873	0.28567	0.14203	0.039312
3.46	1.0081	1.0161	1.0045	0.96095	0.87987	0.76237	0.61559	0.45187	0.28783	0.14317	0.039642
3.47	1.0086	1.0175	1.0071	0.96449	0.88403	0.76667	0.61954	0.45508	0.29003	0.14434	0.039980
3.48	1.0090	1.0190	1.0097	0.96809	0.88826	0.77105	0.62357	0.45834	0.29227	0.14552	0.040323
3.49	1.0095	1.0204	1.0123	0.97176	0.89257	0.77551	0.62767	0.46167	0.29456	0.14673	0.040673
3.50	1.0099	1.0219	1.0150	0.97549	0.89695	0.78005	0.63185	0.46506	0.29683	0.14796	0.041030
3.51	1.0104	1.0235	1.0178	0.97929	0.90142	0.78467	0.63611	0.46851	0.29926	0.14921	0.041394
3.52	1.0108	1.0250	1.0206	0.98316	0.90597	0.78938	0.64045	0.47203	0.30168	0.15049	0.041765
3.53	1.0113	1.0266	1.0234	0.98710	0.91060	0.79418	0.64487	0.47561	0.30415	0.15179	0.042143
3.54	1.0118	1.0282	1.0263	0.99111	0.91533	0.79907	0.64938	0.47927	0.30667	0.15312	0.042528
3.55	1.0123	1.0298	1.0292	0.99520	0.92014	0.80406	0.65397	0.48299	0.30923	0.15447	0.042922
3.56	1.0128	1.0315	1.0322	0.99936	0.92504	0.80914	0.65865	0.48679	0.31184	0.15586	0.043323
3.57	1.0133	1.0331	1.0353	1.0036	0.93003	0.81432	0.66343	0.49067	0.31451	0.15726	0.043732
3.58	1.0138	1.0349	1.0384	1.0079	0.93512	0.81959	0.66829	0.49462	0.31723	0.15870	0.044149
3.59	1.0144	1.0366	1.0416	1.0123	0.94031	0.82497	0.67326	0.49865	0.32000	0.16017	0.044575
3.60	1.0149	1.0384	1.0448	1.0168	0.94560	0.83046	0.67832	0.50276	0.32288	0.16166	0.045009
3.61	1.0155	1.0402	1.0481	1.0214	0.95099	0.83606	0.68348	0.50695	0.32572	0.16319	0.045452
3.62	1.0160	1.0421	1.0514	1.0260	0.95649	0.84176	0.68875	0.51123	0.32867	0.16475	0.045905
3.63	1.0166	1.0439	1.0548	1.0308	0.96210	0.84759	0.69412	0.51560	0.33167	0.16634	0.046367
3.64	1.0172	1.0459	1.0583	1.0357	0.96782	0.85353	0.69961	0.52005	0.33474	0.16796	0.046839
3.65	1.0178	1.0478	1.0619	1.0406	0.97365	0.85959	0.70520	0.52460	0.33788	0.16962	0.047321
3.66	1.0184	1.0498	1.0655	1.0456	0.97961	0.86577	0.71092	0.52925	0.34108	0.17131	0.047818
3.67	1.0190	1.0519	1.0692	1.0508	0.98568	0.87209	0.71675	0.53399	0.34435	0.17304	0.048315
3.68	1.0196	1.0539	1.0730	1.0560	0.99188	0.87853	0.72270	0.53888	0.34769	0.17481	0.048829
3.69	1.0203	1.0561	1.0768	1.0614	0.99821	0.88511	0.72879	0.54378	0.35110	0.17661	0.049353

TABLE 1 - VALUES OF THE COEFFICIENT C_B - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
3.70	1.0209	1.0582	1.0807	1.0669	1.0047	0.89183	0.78500	0.54853	0.35458	0.17846	0.049889
3.71	1.0216	1.0604	1.0847	1.0724	1.0113	0.89869	0.74134	0.55389	0.35814	0.18034	0.050487
3.72	1.0223	1.0627	1.0888	1.0781	1.0180	0.90570	0.74789	0.55927	0.36178	0.18227	0.050998
3.73	1.0229	1.0650	1.0930	1.0840	1.0249	0.91287	0.75445	0.56466	0.36550	0.18424	0.051570
3.74	1.0237	1.0673	1.0972	1.0899	1.0319	0.92018	0.76122	0.57018	0.36931	0.18625	0.052156
3.75	1.0244	1.0697	1.1016	1.0960	1.0391	0.92766	0.76815	0.57581	0.37320	0.18831	0.052755
3.76	1.0251	1.0721	1.1060	1.1022	1.0464	0.93531	0.77523	0.58158	0.37718	0.19042	0.053368
3.77	1.0259	1.0746	1.1106	1.1085	1.0540	0.94313	0.78246	0.58747	0.38125	0.19258	0.053996
3.78	1.0266	1.0772	1.1152	1.1150	1.0616	0.95113	0.78987	0.59351	0.38531	0.19478	0.054638
3.79	1.0274	1.0798	1.1199	1.1216	1.0695	0.95930	0.79744	0.59968	0.38967	0.19704	0.055295
3.80	1.0282	1.0824	1.1248	1.1284	1.0775	0.96767	0.80519	0.60600	0.39404	0.19935	0.055968
3.81	1.0290	1.0851	1.1297	1.1353	1.0857	0.97623	0.81313	0.61246	0.39850	0.20172	0.056657
3.82	1.0299	1.0879	1.1348	1.1424	1.0941	0.98499	0.82125	0.61908	0.40308	0.20414	0.057362
3.83	1.0307	1.0907	1.1400	1.1496	1.1027	0.99386	0.82956	0.62586	0.40776	0.20663	0.058086
3.84	1.0316	1.0936	1.1453	1.1571	1.1115	1.0031	0.83808	0.63281	0.41256	0.20917	0.058827
3.85	1.0325	1.0966	1.1507	1.1647	1.1205	1.0126	0.84680	0.63993	0.41748	0.21178	0.059586
3.86	1.0334	1.0997	1.1562	1.1724	1.1297	1.0222	0.85574	0.64722	0.42253	0.21446	0.060365
3.87	1.0343	1.1028	1.1619	1.1804	1.1392	1.0321	0.86490	0.65470	0.42770	0.21720	0.061163
3.88	1.0353	1.1059	1.1677	1.1885	1.1489	1.0422	0.87429	0.66236	0.43300	0.22001	0.061982
3.89	1.0363	1.1092	1.1737	1.1969	1.1588	1.0526	0.88392	0.67023	0.43843	0.22289	0.062823
3.90	1.0373	1.1125	1.1798	1.2055	1.1690	1.0632	0.89380	0.67829	0.44401	0.22585	0.063685
3.91	1.0383	1.1160	1.1861	1.2142	1.1794	1.0741	0.90393	0.68657	0.44974	0.22889	0.064570
3.92	1.0393	1.1195	1.1925	1.2232	1.1901	1.0853	0.91438	0.69506	0.45562	0.23201	0.065479
3.93	1.0404	1.1231	1.1990	1.2325	1.2011	1.0968	0.92501	0.70379	0.46165	0.23522	0.066413
3.94	1.0415	1.1267	1.2058	1.2419	1.2124	1.1086	0.93597	0.71274	0.46785	0.23851	0.067372
3.95	1.0427	1.1305	1.2127	1.2517	1.2240	1.1207	0.94723	0.72194	0.47423	0.24189	0.068358
3.96	1.0438	1.1344	1.2198	1.2617	1.2358	1.1331	0.95879	0.73140	0.48077	0.24537	0.069372
3.97	1.0450	1.1384	1.2271	1.2719	1.2480	1.1459	0.97068	0.74112	0.48750	0.24894	0.070414
3.98	1.0462	1.1424	1.2346	1.2824	1.2606	1.1590	0.98290	0.75112	0.49443	0.25262	0.071486
3.99	1.0475	1.1466	1.2423	1.2933	1.2735	1.1726	0.99547	0.76140	0.50155	0.25640	0.072589
4.00	1.0488	1.1509	1.2502	1.3044	1.2867	1.1865	1.0084	0.77198	0.50888	0.26030	0.073725
4.01	1.0501	1.1554	1.2583	1.3158	1.3004	1.2007	1.0217	0.78287	0.51643	0.26431	0.074884
4.02	1.0515	1.1599	1.2667	1.3276	1.3144	1.2155	1.0354	0.79408	0.52420	0.26844	0.076099
4.03	1.0529	1.1646	1.2753	1.3397	1.3283	1.2306	1.0495	0.80568	0.53221	0.27269	0.077340
4.04	1.0543	1.1694	1.2841	1.3522	1.3437	1.2462	1.0641	0.81754	0.54046	0.27708	0.078620

TABLE 1 - VALUES OF THE COEFFICIENT C_S - CONTINUED

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
4.05	1.0558	1.1744	1.2982	1.3650	1.3591	1.2623	1.0790	0.82981	0.54897	0.28160	0.079948	
4.06	1.0573	1.1755	1.3026	1.3782	1.3749	1.2789	1.0945	0.84246	0.55774	0.28627	0.081802	
4.07	1.0589	1.1847	1.3123	1.3919	1.3912	1.2960	1.1104	0.85552	0.56680	0.29109	0.082707	
4.08	1.0605	1.1901	1.3222	1.4059	1.4080	1.3186	1.1269	0.86900	0.57615	0.29606	0.084159	
4.09	1.0621	1.1957	1.3325	1.4204	1.4253	1.3318	1.1439	0.88291	0.58581	0.30119	0.085658	
4.10	1.0639	1.2015	1.3431	1.4354	1.4432	1.3506	1.1614	0.89729	0.59579	0.30650	0.087207	
4.11	1.0656	1.2074	1.3541	1.4509	1.4617	1.3701	1.1795	0.91215	0.60610	0.31159	0.088809	
4.12	1.0675	1.2136	1.3654	1.4669	1.4808	1.3902	1.1983	0.92752	0.61677	0.31767	0.089467	
4.13	1.0693	1.2199	1.3771	1.4834	1.5006	1.4109	1.2177	0.94343	0.62781	0.32394	0.092189	
4.14	1.0713	1.2264	1.3891	1.5005	1.5210	1.4324	1.2377	0.95989	0.63924	0.32968	0.095959	
4.15	1.0733	1.2332	1.4016	1.5181	1.5422	1.4547	1.2585	0.97694	0.65109	0.33598	0.095800	
4.16	1.0754	1.2402	1.4146	1.5364	1.5641	1.4778	1.2801	0.99462	0.66386	0.34247	0.097709	
4.17	1.0775	1.2475	1.4280	1.5593	1.5868	1.5017	1.3024	1.0129	0.67609	0.34924	0.099189	
4.18	1.0798	1.2550	1.4419	1.5750	1.6103	1.5264	1.3255	1.0320	0.68981	0.35628	0.10114	
4.19	1.0821	1.2628	1.4568	1.5954	1.6348	1.5522	1.3496	1.0517	0.70308	0.36359	0.10388	
4.20	1.0845	1.2709	1.4712	1.6166	1.6601	1.5789	1.3746	1.0722	0.71728	0.37118	0.10610	
4.21	1.0870	1.2793	1.4867	1.6386	1.6865	1.6067	1.4005	1.0935	0.73210	0.37908	0.10841	
4.22	1.0896	1.2880	1.5028	1.6614	1.7139	1.6355	1.4275	1.1157	0.74753	0.38729	0.11081	
4.23	1.0928	1.2971	1.5196	1.6852	1.7424	1.6656	1.4556	1.1388	0.76359	0.39585	0.11331	
4.24	1.0951	1.3065	1.5371	1.7099	1.7721	1.6969	1.4849	1.1629	0.78033	0.40447	0.11592	
4.25	1.0980	1.3163	1.5552	1.7357	1.8031	1.7295	1.5155	1.1880	0.79779	0.41407	0.11864	
4.26	1.1010	1.3265	1.5742	1.7626	1.8353	1.7636	1.5478	1.2142	0.81601	0.42379	0.12147	
4.27	1.1042	1.3372	1.5939	1.7907	1.8690	1.7991	1.5806	1.2415	0.83504	0.43393	0.12444	
4.28	1.1074	1.3483	1.6146	1.8200	1.9042	1.8363	1.6154	1.2702	0.85495	0.44415	0.12754	
4.29	1.1109	1.3600	1.6362	1.8506	1.9411	1.8752	1.6518	1.3001	0.87578	0.45565	0.13079	
4.30	1.1145	1.3722	1.6587	1.8827	1.9796	1.9158	1.6899	1.3314	0.89761	0.46729	0.13420	
4.31	1.1183	1.3853	1.6824	1.9163	2.0200	1.9585	1.7299	1.3643	0.92050	0.47950	0.13777	
4.32	1.1222	1.3988	1.7072	1.9515	2.0624	2.0033	1.7718	1.3989	0.94454	0.49232	0.14152	
4.33	1.1264	1.4128	1.7332	1.9885	2.1069	2.0503	1.8159	1.4351	0.96980	0.50580	0.14546	
4.34	1.1307	1.4270	1.7606	2.0274	2.1537	2.0990	1.8623	1.4738	0.99639	0.51998	0.14961	
4.35	1.1353	1.4425	1.7894	2.0684	2.2030	2.1519	1.9111	1.5135	1.0244	0.53492	0.15398	
4.36	1.1401	1.4589	1.8197	2.1116	2.2558	2.2068	1.9627	1.5560	1.0540	0.55049	0.15860	
4.37	1.1452	1.4761	1.8517	2.1572	2.3099	2.2649	2.0171	1.6008	1.0852	0.56736	0.16347	
4.38	1.1506	1.4943	1.8856	2.2054	2.3679	2.3268	2.0747	1.6482	1.1182	0.58500	0.16864	
4.39	1.1563	1.5136	1.9214	2.2564	2.4294	2.3918	2.1357	1.6965	1.1532	0.60369	0.17411	

TABLE 1 - VALUES OF THE COEFFICIENT C_S - CONTINUED

λ	RA110 \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
4.40	1.1623	1.5940	1.9594	2.3105	2.6496	2.9608	2.2004	1.7518	1.3904	0.62858	0.17992
4.41	1.1687	1.5557	1.9398	2.2800	2.5639	2.8386	2.2692	1.8035	1.2800	0.64464	0.18609
4.42	1.1755	1.5708	1.9627	2.3292	2.6877	2.9617	2.3426	1.8590	1.2721	0.66718	0.19268
4.43	1.1827	1.6084	2.0085	2.3945	2.7163	2.9951	2.4208	1.9395	1.3171	0.69116	0.19971
4.44	1.1905	1.6797	2.1875	2.5013	2.8006	2.7842	2.5045	2.0825	1.3652	0.71688	0.20728
4.45	1.1988	1.6579	2.1939	2.6391	2.8908	2.8797	2.5942	2.0764	1.4167	0.74438	0.21580
4.46	1.2077	1.6881	2.2442	2.7195	2.9870	2.9824	2.6906	2.1559	1.4722	0.77899	0.22897
4.47	1.2172	1.7206	2.3063	2.8060	3.0921	3.0929	2.7945	2.2416	1.5320	0.80591	0.23882
4.48	1.2276	1.7558	2.3723	2.8994	3.2049	3.2124	2.9068	2.3342	1.5965	0.84041	0.24882
4.49	1.2388	1.7938	2.4482	3.0006	3.3271	3.3419	3.0284	2.4346	1.6666	0.87782	0.25938
4.50	1.2509	1.8351	2.5203	3.1106	3.4559	3.4627	3.1607	2.5387	1.7427	0.91850	0.26629
4.51	1.2632	1.8802	2.6048	3.2206	3.6048	3.6368	3.3051	2.6429	1.8258	0.96292	0.27981
4.52	1.2787	1.9295	2.6963	3.3320	3.7635	3.8045	3.4638	2.7394	1.9169	1.0116	0.29357
4.53	1.2946	1.9838	2.7975	3.4666	3.9391	3.9897	3.6374	2.8371	2.0172	1.0652	0.30927
4.54	1.3122	2.0487	2.9093	3.6668	4.1312	4.1944	3.8299	3.0960	2.1281	1.1245	0.32669
4.55	1.3318	2.1182	3.0438	3.8438	4.3457	4.4219	4.0439	3.2726	2.2514	1.1908	0.34593
4.56	1.3536	2.1846	3.1723	4.0422	4.5854	4.6763	4.2881	3.4701	2.3892	1.2640	0.36752
4.57	1.3782	2.2682	3.3204	4.2654	4.8551	4.9624	4.5528	3.6928	2.5444	1.3476	0.39182
4.58	1.4060	2.3629	3.5053	4.5182	5.1609	5.2868	4.8574	3.9448	2.7203	1.4410	0.41938
4.59	1.4377	2.4711	3.7074	4.8072	5.5109	5.6576	5.2063	4.2324	2.9215	1.5485	0.45003
4.60	1.4744	2.5960	3.9405	5.1407	5.9185	6.0855	5.6089	4.5649	3.1586	1.6726	0.48727
4.61	1.5171	2.7415	4.2125	5.5296	6.3388	6.5848	6.0787	4.9529	3.4246	1.8175	0.52973
4.62	1.5675	2.9185	4.5898	5.9898	6.9398	7.1749	6.6341	5.4116	3.7449	1.9888	0.57992
4.63	1.6288	3.1198	4.9198	6.5408	7.6049	7.8831	7.3006	5.9621	4.1294	2.1944	0.64018
4.64	1.7020	3.3719	5.3904	7.2148	8.4222	8.7467	8.1153	6.6852	4.5934	2.4457	0.71885
4.65	1.7944	3.6868	5.9790	8.0571	9.4418	9.8987	9.1388	7.4765	5.1871	2.7600	0.80556
4.66	1.9181	4.0917	6.7857	9.1400	10.751	11.222	10.448	8.5584	5.9428	3.1640	0.92441
4.67	2.0718	4.6312	7.7444	10.568	12.498	13.077	12.189	10.001	6.9504	3.7029	1.0824
4.68	2.2927	5.3868	9.1560	12.604	14.948	15.673	14.684	12.020	8.3609	4.4572	1.3085
4.69	2.6246	6.5184	11.278	15.638	18.609	19.566	18.299	15.049	10.476	5.5886	1.6851
4.70	3.1774	8.4041	14.798	20.680	24.715	26.052	24.405	20.094	14.001	7.4794	2.1877
4.71	4.2818	12.171	21.841	30.762	36.917	39.010	36.606	30.175	21.048	11.240	3.2917
4.72	7.5856	28.441	42.918	60.926	73.421	77.781	73.110	60.388	42.114	22.589	6.5952
4.73	1682.5	5566.5	10407.	14877.	19029.	19148.	18028.	14897.	10406.	5565.5	1631.5
4.74	-5.7099	-21.913	-41.890	-60.470	-78.495	-78.258	-73.808	-61.059	-42.692	-22.847	-6.7008

TABLE I - VALUES OF THE COEFFICIENT C_5 ... CONTINUED

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
4.75	-2.8554	-10.525	-20.559	-29.395	-36.541	-39.010	-36.855	-30.525	-21.961	-11.489	-3.3566	
4.76	-1.2535	-6.7119	-13.467	-19.784	-25.257	-25.963	-24.571	-20.876	-14.271	-7.6472	-2.2458	
4.77	-0.62809	-3.8178	-7.9251	-11.714	-16.121	-19.347	-18.436	-15.306	-10.788	-5.7594	-1.6899	
4.78	-0.36494	-2.6818	-5.8008	-9.170	-13.441	-15.589	-14.757	-12.267	-8.668	-4.6179	-1.3570	
4.79	-0.14286	-1.9236	-4.3848	-7.0464	-11.389	-12.986	-12.806	-10.242	-7.1928	-3.8618	-1.1952	
4.80	0.015762	-2.3826	-5.8786	-8.1992	-10.288	-11.076	-10.555	-8.7954	-6.1819	-3.3212	-0.97030	
4.81	0.13478	-1.9768	-4.6152	-7.1139	-9.2522	-9.6819	-9.2428	-7.7112	-5.4247	-2.9163	-0.85821	
4.82	0.22786	-1.6612	-4.0252	-6.2698	-8.5041	-8.5978	-8.2228	-6.8688	-4.8853	-2.6814	-0.76134	
4.83	0.30145	-1.4086	-3.5538	-5.5946	-7.0878	-7.7807	-7.4062	-6.1942	-4.3652	-2.3497	-0.69216	
4.84	0.36210	-1.2019	-3.1670	-5.0421	-6.4191	-7.5214	-6.7887	-5.6429	-3.9881	-2.1425	-0.63183	
4.85	0.41267	-1.0296	-2.8451	-4.5917	-5.8628	-6.8884	-6.1827	-5.1836	-3.6595	-1.9724	-0.58158	
4.86	0.45548	-0.88869	-2.5727	-4.1921	-5.3912	-5.9305	-5.7123	-4.7952	-3.3882	-1.8274	-0.53909	
4.87	0.49219	-0.77561	-2.3051	-3.8531	-4.9874	-5.5821	-5.3892	-4.4624	-3.1559	-1.7082	-0.50269	
4.88	0.52404	-0.68015	-2.1866	-3.5686	-4.6875	-5.1808	-4.9601	-4.1741	-2.9546	-1.5956	-0.47117	
4.89	0.55193	-0.60519	-1.9594	-3.3159	-4.3914	-4.8061	-4.6546	-3.9228	-2.7787	-1.5016	-0.44361	
4.90	0.57656	-0.47185	-1.8029	-3.0917	-4.0618	-4.5196	-4.3858	-3.696	-2.6285	-1.4187	-0.41931	
4.91	0.59847	-0.39678	-1.6688	-2.8980	-3.8212	-4.2650	-4.1459	-3.5021	-2.4856	-1.3458	-0.39773	
4.92	0.61810	-0.33800	-1.5382	-2.7151	-3.6064	-4.0373	-3.9319	-3.3255	-2.3624	-1.2791	-0.37344	
4.93	0.63578	-0.28986	-1.4271	-2.5550	-3.4131	-3.8324	-3.7393	-3.1666	-2.2516	-1.2199	-0.35110	
4.94	0.65180	-0.24540	-1.3256	-2.4181	-3.2382	-3.6471	-3.5652	-3.0288	-2.1514	-1.1604	-0.32543	
4.95	0.66638	-0.16585	-1.2332	-2.2783	-3.0792	-3.4787	-3.4069	-2.8925	-2.0604	-1.1178	-0.33119	
4.96	0.67971	-0.12056	-1.1489	-2.1580	-2.9348	-3.3249	-3.2625	-2.7784	-1.9778	-1.0785	-0.31821	
4.97	0.69194	-0.079004	-1.0715	-2.0476	-2.8009	-3.1840	-3.1303	-2.6644	-1.9118	-1.0829	-0.30688	
4.98	0.70322	-0.040731	-1.0003	-1.9461	-2.6785	-3.0545	-3.0086	-2.5641	-1.8314	-0.99558	-0.29541	
4.99	0.71364	-0.005360	-0.93446	-1.8523	-2.5655	-2.9349	-2.8964	-2.4717	-1.7670	-0.96119	-0.28594	
5.00	0.72381	0.027480	-0.87348	-1.7655	-2.4609	-2.8242	-2.7926	-2.3862	-1.7874	-0.93283	-0.27684	
5.01	0.73280	0.057917	-0.81681	-1.6848	-2.3627	-2.7215	-2.6968	-2.3068	-1.6522	-0.89990	-0.26741	
5.02	0.74069	0.086641	-0.76400	-1.6096	-2.2788	-2.6259	-2.6066	-2.2388	-1.6008	-0.87248	-0.25989	
5.03	0.74853	0.11291	-0.71467	-1.5395	-2.1888	-2.5467	-2.5280	-2.1642	-1.5529	-0.84638	-0.25191	
5.04	0.75589	0.13780	-0.66847	-1.4788	-2.1098	-2.4583	-2.4449	-2.1000	-1.5081	-0.82387	-0.24493	
5.05	0.76280	0.16117	-0.62512	-1.4122	-2.0358	-2.3751	-2.3717	-2.0397	-1.4662	-0.80074	-0.23840	
5.06	0.76938	0.18316	-0.58435	-1.3543	-1.9662	-2.3017	-2.3038	-1.9839	-1.4263	-0.77979	-0.23220	
5.07	0.77544	0.20389	-0.54593	-1.2990	-1.9007	-2.2326	-2.2183	-1.9382	-1.3900	-0.76312	-0.22653	
5.08	0.78124	0.22347	-0.50967	-1.2483	-1.8398	-2.1676	-2.1175	-1.8801	-1.3532	-0.74160	-0.22112	
5.09	0.78673	0.24200	-0.47588	-1.1997	-1.7807	-2.1061	-2.1270	-1.8330	-1.3225	-0.72414	-0.21602	

TABLE 1 - VALUES OF THE COEFFICIENT C_8 - CONTINUED

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
5.10	0.79194	0.25956	-0.44290	-1.1537	-1.7255	-2.0400	-2.0650	-1.7034	-1.2915	-0.78766	-0.21120	
5.11	0.79688	0.27623	-0.41209	-1.1101	-1.6798	-1.9930	-2.0144	-1.7068	-1.2622	-0.69203	-0.20665	
5.12	0.80159	0.29208	-0.38282	-1.0686	-1.6287	-1.9485	-1.9657	-1.7063	-1.2305	-0.67730	-0.20235	
5.13	0.80607	0.30717	-0.35497	-1.0258	-1.5766	-1.8913	-1.9195	-1.6685	-1.2002	-0.66386	-0.19827	
5.14	0.81035	0.32156	-0.32844	-0.99178	-1.5317	-1.8443	-1.8756	-1.6325	-1.1833	-0.65010	-0.19440	
5.15	0.81444	0.33520	-0.30313	-0.95605	-1.4850	-1.7994	-1.8338	-1.5983	-1.1596	-0.63750	-0.19072	
5.16	0.81835	0.34842	-0.27896	-0.92194	-1.4433	-1.7567	-1.7941	-1.5658	-1.1370	-0.62551	-0.18723	
5.17	0.82210	0.36093	-0.25584	-0.88936	-1.4055	-1.7160	-1.7561	-1.5347	-1.1155	-0.61411	-0.18390	
5.18	0.82569	0.37303	-0.23372	-0.85820	-1.3723	-1.6771	-1.7200	-1.5052	-1.0951	-0.60323	-0.18074	
5.19	0.82914	0.38457	-0.21251	-0.82836	-1.3368	-1.6399	-1.6854	-1.4769	-1.0755	-0.59287	-0.17772	
5.20	0.83245	0.39566	-0.19217	-0.79976	-1.3027	-1.6043	-1.6523	-1.4499	-1.0569	-0.58237	-0.17483	
5.21	0.83564	0.40631	-0.17264	-0.77233	-1.2701	-1.5702	-1.6207	-1.4241	-1.0390	-0.57351	-0.17208	
5.22	0.83871	0.41656	-0.15387	-0.74598	-1.2388	-1.5375	-1.5904	-1.3994	-1.0220	-0.56447	-0.16945	
5.23	0.84167	0.42644	-0.13581	-0.72066	-1.2087	-1.5061	-1.5613	-1.3757	-1.0056	-0.55582	-0.16693	
5.24	0.84453	0.43595	-0.11842	-0.69630	-1.1799	-1.4760	-1.5335	-1.3530	-0.98997	-0.54758	-0.16453	
5.25	0.84729	0.44513	-0.10165	-0.67284	-1.1521	-1.4471	-1.5067	-1.3313	-0.97456	-0.53960	-0.16222	
5.26	0.84995	0.45400	-0.085486	-0.65025	-1.1253	-1.4193	-1.4810	-1.3104	-0.96057	-0.53199	-0.16001	
5.27	0.85253	0.46257	-0.069878	-0.62845	-1.0995	-1.3925	-1.4563	-1.2903	-0.94675	-0.52469	-0.15789	
5.28	0.85503	0.47085	-0.054800	-0.60742	-1.0747	-1.3667	-1.4325	-1.2710	-0.93348	-0.51768	-0.15586	
5.29	0.85745	0.47887	-0.040422	-0.58712	-1.0500	-1.3419	-1.4096	-1.2524	-0.92073	-0.51095	-0.15391	
5.30	0.85980	0.48664	-0.026117	-0.56759	-1.0277	-1.3179	-1.3876	-1.2346	-0.90847	-0.50449	-0.15203	
5.31	0.86207	0.49417	-0.012460	-0.54851	-1.0053	-1.2948	-1.3663	-1.2174	-0.89617	-0.49827	-0.15023	
5.32	0.86429	0.50148	-0.000772	-0.53014	-0.98375	-1.2725	-1.3458	-1.2008	-0.88382	-0.49230	-0.14850	
5.33	0.86644	0.50857	0.013682	-0.51286	-0.96287	-1.2510	-1.3260	-1.1843	-0.87149	-0.48655	-0.14684	
5.34	0.86853	0.51546	0.026849	-0.49512	-0.94267	-1.2301	-1.3070	-1.1695	-0.86085	-0.48101	-0.14524	
5.35	0.87056	0.52216	0.038132	-0.47802	-0.92311	-1.2100	-1.2885	-1.1546	-0.85070	-0.47568	-0.14370	
5.36	0.87255	0.52867	0.049871	-0.46221	-0.90416	-1.1905	-1.2707	-1.1403	-0.84032	-0.47054	-0.14222	
5.37	0.87448	0.53501	0.061280	-0.44658	-0.88579	-1.1716	-1.2535	-1.1265	-0.83048	-0.46560	-0.14079	
5.38	0.87636	0.54119	0.072377	-0.43120	-0.86798	-1.1534	-1.2368	-1.1131	-0.82037	-0.46083	-0.13941	
5.39	0.87820	0.54720	0.083176	-0.41635	-0.85069	-1.1357	-1.2207	-1.1002	-0.81059	-0.45623	-0.13809	
5.40	0.88000	0.55307	0.093691	-0.40191	-0.83391	-1.1185	-1.2051	-1.0877	-0.80010	-0.45180	-0.13681	
5.41	0.88175	0.55880	0.10393	-0.38787	-0.81761	-1.1019	-1.1900	-1.0756	-0.79991	-0.44752	-0.13558	
5.42	0.88346	0.56439	0.11392	-0.37420	-0.80178	-1.0857	-1.1754	-1.0639	-0.79199	-0.44339	-0.13440	
5.43	0.88514	0.56985	0.12366	-0.36090	-0.78638	-1.0701	-1.1612	-1.0526	-0.78494	-0.43941	-0.13326	
5.44	0.88678	0.57518	0.13316	-0.34793	-0.77141	-1.0549	-1.1475	-1.0417	-0.77695	-0.43556	-0.13215	

TABLE 1 - VALUES OF THE COEFFICIENT C_S - CONTINUED

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
5.45	0.88839	0.58049	0.14244	-0.83380	-0.75684	-1.0401	-1.1342	-1.0311	-0.76381	-0.43185	-0.13189	
5.46	0.88337	0.58550	0.15150	-0.82297	-0.74266	-1.0257	-1.1218	-1.0209	-0.76290	-0.42827	-0.13007	
5.47	0.89151	0.59050	0.16836	-0.81095	-0.72885	-1.0118	-1.1067	-1.0109	-0.75622	-0.42481	-0.12908	
5.48	0.89302	0.59539	0.16902	-0.79922	-0.71539	-0.9922	-1.0966	-1.0013	-0.74976	-0.42146	-0.12812	
5.49	0.89451	0.60018	0.17749	-0.78776	-0.70228	-0.9852	-1.0847	-0.99201	-0.74351	-0.41823	-0.12720	
5.50	0.89537	0.60488	0.18578	-0.77657	-0.68949	-0.97218	-1.0733	-0.98237	-0.73746	-0.41511	-0.12632	
5.51	0.89740	0.60949	0.19389	-0.76563	-0.67702	-0.95968	-1.0621	-0.97422	-0.73161	-0.41210	-0.12546	
5.52	0.89381	0.61401	0.20184	-0.75481	-0.66486	-0.94750	-1.0518	-0.96572	-0.72594	-0.40919	-0.12463	
5.53	0.90019	0.61845	0.20963	-0.74448	-0.65298	-0.93655	-1.0408	-0.95749	-0.72046	-0.40634	-0.12389	
5.54	0.90155	0.62281	0.21727	-0.73424	-0.64138	-0.92410	-1.0305	-0.94950	-0.71516	-0.40366	-0.12307	
5.55	0.90289	0.62710	0.22476	-0.72422	-0.63005	-0.91284	-1.0206	-0.94175	-0.71002	-0.40104	-0.12233	
5.56	0.90421	0.63131	0.23211	-0.71441	-0.61898	-0.90186	-1.0109	-0.93423	-0.70505	-0.39851	-0.12162	
5.57	0.90551	0.63545	0.23938	-0.70480	-0.60816	-0.89116	-1.0015	-0.92694	-0.70024	-0.39606	-0.12093	
5.58	0.90679	0.63952	0.24642	-0.69538	-0.59758	-0.88072	-0.99236	-0.91966	-0.69559	-0.39365	-0.12026	
5.59	0.90806	0.64353	0.25398	-0.68615	-0.58723	-0.87054	-0.98345	-0.91299	-0.69106	-0.39141	-0.11962	
5.60	0.90930	0.64748	0.26222	-0.67709	-0.57711	-0.86060	-0.97478	-0.90633	-0.68672	-0.38921	-0.11901	
5.61	0.91053	0.65137	0.26955	-0.66820	-0.56720	-0.85090	-0.96594	-0.89906	-0.68250	-0.38708	-0.11842	
5.62	0.91174	0.65521	0.27357	-0.65948	-0.55758	-0.84143	-0.95812	-0.89358	-0.67841	-0.38503	-0.11784	
5.63	0.91294	0.65899	0.28008	-0.65092	-0.54799	-0.83210	-0.95012	-0.88748	-0.67446	-0.38305	-0.11730	
5.64	0.91413	0.66272	0.28649	-0.64251	-0.53863	-0.82314	-0.94223	-0.88156	-0.67063	-0.38114	-0.11677	
5.65	0.91530	0.66639	0.29280	-0.63424	-0.52936	-0.81431	-0.93475	-0.87582	-0.66653	-0.37938	-0.11626	
5.66	0.91645	0.67003	0.29902	-0.62612	-0.52062	-0.80568	-0.92736	-0.87025	-0.66303	-0.37752	-0.11577	
5.67	0.91760	0.67361	0.30515	-0.61814	-0.51185	-0.79724	-0.92016	-0.86483	-0.65989	-0.37581	-0.11530	
5.68	0.91872	0.67715	0.31119	-0.61024	-0.50326	-0.78900	-0.91314	-0.85958	-0.65655	-0.37417	-0.11485	
5.69	0.91985	0.68065	0.31715	-0.60256	-0.49482	-0.78093	-0.90631	-0.85448	-0.65331	-0.37258	-0.11442	
5.70	0.92096	0.68411	0.32309	-0.59493	-0.48654	-0.77304	-0.89963	-0.84934	-0.65019	-0.37105	-0.11401	
5.71	0.92206	0.68753	0.32888	-0.58746	-0.47841	-0.76532	-0.89316	-0.84474	-0.64717	-0.36959	-0.11361	
5.72	0.92315	0.69092	0.33456	-0.58009	-0.47043	-0.75777	-0.88689	-0.84004	-0.64426	-0.36818	-0.11323	
5.73	0.92423	0.69427	0.34022	-0.57288	-0.46259	-0.75036	-0.88067	-0.83534	-0.64134	-0.36682	-0.11287	
5.74	0.92530	0.69758	0.34580	-0.56572	-0.45489	-0.74315	-0.87466	-0.83118	-0.63873	-0.36552	-0.11253	
5.75	0.92636	0.70087	0.35133	-0.55861	-0.44732	-0.73606	-0.86840	-0.82693	-0.63611	-0.36420	-0.11220	
5.76	0.92741	0.70412	0.35679	-0.55168	-0.43989	-0.72913	-0.86300	-0.82201	-0.63358	-0.36290	-0.11188	
5.77	0.92846	0.70735	0.36219	-0.54494	-0.43257	-0.72233	-0.85752	-0.81801	-0.63115	-0.36164	-0.11159	
5.78	0.92950	0.71054	0.36753	-0.53822	-0.42538	-0.71568	-0.85210	-0.81404	-0.62881	-0.36045	-0.11130	
5.79	0.93053	0.71371	0.37282	-0.53138	-0.41830	-0.70916	-0.84681	-0.81119	-0.62656	-0.35930	-0.11104	

TABLE 1 - VALUES OF THE COEFFICIENT C_5 - CONTINUED

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
5.00	0.28155	0.71696	0.27005	-0.024798	-0.31134	-0.70277	-0.84165	-0.88755	-0.62439	-0.35882	-0.11078	
5.01	0.28257	0.71990	0.28323	-0.018221	-0.30448	-0.69351	-0.83668	-0.88403	-0.62281	-0.35787	-0.11054	
5.02	0.28359	0.72308	0.28837	-0.011702	-0.29774	-0.69038	-0.83178	-0.88462	-0.62081	-0.35697	-0.11032	
5.03	0.28459	0.72615	0.29346	-0.005418	-0.29109	-0.68746	-0.82655	-0.88473	-0.61839	-0.35611	-0.11011	
5.04	0.28560	0.72921	0.29858	0.000872	-0.28455	-0.68466	-0.82280	-0.88414	-0.61656	-0.35530	-0.10991	
5.05	0.28659	0.73224	0.30350	0.007091	-0.27810	-0.68168	-0.81776	-0.88305	-0.61480	-0.35454	-0.10973	
5.06	0.28759	0.73526	0.30846	0.013249	-0.27174	-0.67871	-0.81094	-0.88197	-0.61312	-0.35382	-0.10956	
5.07	0.28858	0.73826	0.31338	0.019388	-0.26548	-0.67574	-0.80404	-0.88089	-0.61151	-0.35316	-0.10940	
5.08	0.28956	0.74124	0.31826	0.025524	-0.25930	-0.67278	-0.80004	-0.87981	-0.60998	-0.35250	-0.10926	
5.09	0.29054	0.74421	0.32311	0.031618	-0.25321	-0.66983	-0.80075	-0.87773	-0.60852	-0.35190	-0.10913	
5.10	0.29152	0.74717	0.32792	0.037724	-0.24720	-0.66687	-0.79677	-0.87714	-0.60714	-0.35135	-0.10901	
5.11	0.29250	0.75011	0.33271	0.043874	-0.24127	-0.66391	-0.79289	-0.87655	-0.60582	-0.35084	-0.10890	
5.12	0.29347	0.75303	0.33746	0.049978	-0.23542	-0.66115	-0.78911	-0.87559	-0.60458	-0.35036	-0.10881	
5.13	0.29444	0.75595	0.34210	0.056066	-0.22964	-0.65840	-0.78548	-0.87431	-0.60331	-0.34993	-0.10872	
5.14	0.29541	0.75886	0.34680	0.062132	-0.22393	-0.65568	-0.78185	-0.87312	-0.60208	-0.34953	-0.10865	
5.15	0.29637	0.76175	0.35155	0.068198	-0.21830	-0.65295	-0.77836	-0.87194	-0.60086	-0.34917	-0.10860	
5.16	0.29736	0.76464	0.35620	0.074264	-0.21273	-0.65021	-0.77497	-0.87075	-0.60029	-0.34886	-0.10855	
5.17	0.29830	0.76752	0.36082	0.080324	-0.20723	-0.64748	-0.77167	-0.86957	-0.59958	-0.34857	-0.10851	
5.18	0.29926	0.77039	0.36543	0.086383	-0.20180	-0.64474	-0.76846	-0.86839	-0.59839	-0.34833	-0.10849	
5.19	0.30022	0.77325	0.37001	0.092442	-0.19642	-0.64201	-0.76583	-0.86722	-0.59776	-0.34812	-0.10848	
6.00	0.25119	0.77611	0.37457	0.098504	-0.19111	-2.59701	-0.76280	-0.75621	-0.59704	-0.34795	-0.10848	
6.01	0.25215	0.77896	0.37912	0.098970	-0.18585	-0.59350	-0.75935	-0.75458	-0.59639	-0.34782	-0.10849	
6.02	0.25311	0.78181	0.38366	0.10484	-0.18065	-0.59228	-0.75648	-0.75304	-0.59580	-0.34772	-0.10851	
6.03	0.25407	0.78466	0.38817	0.10968	-0.17550	-0.59112	-0.75370	-0.75157	-0.59520	-0.34766	-0.10855	
6.04	0.25503	0.78750	0.39268	0.11459	-0.17046	-0.59004	-0.75100	-0.75010	-0.59481	-0.34764	-0.10859	
6.05	0.25599	0.79034	0.39717	0.12027	-0.16536	-0.57702	-0.74890	-0.74886	-0.59440	-0.34765	-0.10865	
6.06	0.25695	0.79310	0.50166	0.12552	-0.16036	-0.57387	-0.74594	-0.74763	-0.59406	-0.34769	-0.10872	
6.07	0.25791	0.79602	0.50618	0.13075	-0.15541	-0.56919	-0.74327	-0.74646	-0.59377	-0.34777	-0.10879	
6.08	0.25880	0.79886	0.51060	0.13595	-0.15051	-0.56538	-0.74059	-0.74538	-0.59355	-0.34789	-0.10888	
6.09	0.25984	0.80171	0.51506	0.14118	-0.14565	-0.56168	-0.73867	-0.74436	-0.59380	-0.34806	-0.10898	
6.10	0.26081	0.80455	0.51951	0.14629	-0.14083	-0.55794	-0.73644	-0.74344	-0.59327	-0.34822	-0.10909	
6.11	0.26178	0.80739	0.52396	0.15142	-0.13602	-0.55481	-0.73420	-0.74256	-0.59282	-0.34844	-0.10922	
6.12	0.26275	0.81024	0.52840	0.15654	-0.13122	-0.55175	-0.73210	-0.74177	-0.59248	-0.34870	-0.10935	
6.13	0.26373	0.81309	0.53285	0.16165	-0.12662	-0.54874	-0.73016	-0.74100	-0.59219	-0.34899	-0.10949	
6.14	0.26471	0.81595	0.53729	0.16678	-0.12216	-0.54579	-0.72821	-0.74029	-0.59192	-0.34931	-0.10965	

TABLE I - VALUES OF THE COEFFICIENT C_8 - CONTINUED

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
6.15	0.96569	0.81881	0.54174	0.17181	-0.21738	-0.54039	-0.72634	-0.73581	-0.59368	-0.34967	-0.18981	
6.16	0.96667	0.82168	0.54618	0.17687	-0.21273	-0.53785	-0.72458	-0.73338	-0.59389	-0.35006	-0.18993	
6.17	0.96765	0.82455	0.55063	0.18192	-0.20817	-0.53476	-0.72278	-0.73087	-0.59414	-0.35049	-0.19018	
6.18	0.96864	0.82743	0.55508	0.18696	-0.20364	-0.53158	-0.72111	-0.72858	-0.59443	-0.35095	-0.19048	
6.19	0.96964	0.83032	0.55954	0.19199	-0.19914	-0.52785	-0.71951	-0.72620	-0.59498	-0.35145	-0.19089	
6.20	0.97063	0.83322	0.56400	0.19782	-0.19466	-0.52322	-0.71797	-0.72397	-0.59537	-0.35198	-0.19101	
6.21	0.97164	0.83613	0.56847	0.20203	-0.19021	-0.51819	-0.71643	-0.72181	-0.59598	-0.35254	-0.19104	
6.22	0.97264	0.83905	0.57295	0.20705	-0.18579	-0.51318	-0.71500	-0.71972	-0.59648	-0.35311	-0.19129	
6.23	0.97365	0.84197	0.57748	0.21206	-0.18139	-0.51312	-0.71374	-0.71869	-0.59712	-0.35378	-0.19154	
6.24	0.97467	0.84491	0.58193	0.21707	-0.17702	-0.51218	-0.71246	-0.71774	-0.59782	-0.35445	-0.19181	
6.25	0.97569	0.84786	0.58644	0.22208	-0.17265	-0.50928	-0.71125	-0.71785	-0.59858	-0.35516	-0.19209	
6.26	0.97672	0.85083	0.59096	0.22709	-0.16833	-0.50644	-0.71010	-0.71804	-0.59939	-0.35590	-0.19238	
6.27	0.97775	0.85381	0.59550	0.23211	-0.16402	-0.50363	-0.70901	-0.71827	-0.60027	-0.35668	-0.19268	
6.28	0.97878	0.85680	0.60005	0.23712	-0.15972	-0.50087	-0.70798	-0.71861	-0.60120	-0.35749	-0.19299	
6.29	0.97983	0.85981	0.60462	0.24215	-0.15544	-0.49815	-0.70702	-0.71900	-0.60219	-0.35834	-0.19331	
6.30	0.98088	0.86283	0.60921	0.24718	-0.15118	-0.49548	-0.70612	-0.71945	-0.60323	-0.35922	-0.19365	
6.31	0.98193	0.86587	0.61381	0.25221	-0.14693	-0.49284	-0.70528	-0.71998	-0.60434	-0.36015	-0.19400	
6.32	0.98300	0.86893	0.61843	0.25726	-0.14270	-0.49024	-0.70450	-0.72057	-0.60551	-0.36110	-0.19436	
6.33	0.98407	0.87200	0.62308	0.26232	-0.13847	-0.48769	-0.70378	-0.72124	-0.60673	-0.36210	-0.19473	
6.34	0.98514	0.87509	0.62774	0.26738	-0.13426	-0.48517	-0.70312	-0.72197	-0.60802	-0.36313	-0.19511	
6.35	0.98623	0.87821	0.63243	0.27247	-0.13006	-0.48269	-0.70258	-0.72277	-0.60937	-0.36421	-0.19551	
6.36	0.98732	0.88134	0.63715	0.27756	-0.12587	-0.48025	-0.70199	-0.72365	-0.61077	-0.36531	-0.19592	
6.37	0.98842	0.88449	0.64189	0.28267	-0.12168	-0.47784	-0.70152	-0.72459	-0.61224	-0.36646	-0.19634	
6.38	0.98953	0.88767	0.64666	0.28780	-0.11750	-0.47548	-0.70111	-0.72560	-0.61377	-0.36765	-0.19677	
6.39	0.99065	0.89087	0.65145	0.29295	-0.11333	-0.47314	-0.70075	-0.72669	-0.61537	-0.36888	-0.19722	
6.40	0.99177	0.89409	0.65628	0.29812	-0.10916	-0.47084	-0.70046	-0.72784	-0.61703	-0.37014	-0.19768	
6.41	0.99291	0.89732	0.66114	0.30331	-0.10499	-0.46858	-0.70023	-0.72907	-0.61875	-0.37145	-0.19816	
6.42	0.99405	0.90061	0.66603	0.30852	-0.10082	-0.46635	-0.70006	-0.73037	-0.62058	-0.37280	-0.19864	
6.43	0.99521	0.90390	0.67095	0.31376	-0.096657	-0.46415	-0.69995	-0.73175	-0.62238	-0.37419	-0.19914	
6.44	0.99637	0.90723	0.67591	0.31902	-0.092491	-0.46198	-0.69990	-0.73319	-0.62430	-0.37562	-0.19966	
6.45	0.99755	0.91058	0.68090	0.32431	-0.088324	-0.45985	-0.69991	-0.73472	-0.62628	-0.37709	-0.12019	
6.46	0.99873	0.91396	0.68593	0.32963	-0.084154	-0.45775	-0.69999	-0.73631	-0.62833	-0.37860	-0.12073	
6.47	0.99993	0.91737	0.69100	0.33498	-0.079979	-0.45568	-0.70012	-0.73798	-0.63045	-0.38016	-0.12129	
6.48	1.0011	0.92081	0.69611	0.34036	-0.075799	-0.45364	-0.70032	-0.73973	-0.63264	-0.38177	-0.12186	
6.49	1.0024	0.92428	0.70127	0.34578	-0.071613	-0.45162	-0.70058	-0.74156	-0.63490	-0.38342	-0.12245	

TABLE I - VALUES OF THE COEFFICIENT C_5 - CONTINUED

λ	RATIO λ/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
6.50	1.0036	0.92779	0.70646	0.55123	-0.067419	-0.44964	-0.70090	-0.76946	-0.63723	-0.38511	-0.12395
6.51	1.0048	0.93133	0.71171	0.55671	-0.063216	-0.44769	-0.70128	-0.76544	-0.63963	-0.38685	-0.12367
6.52	1.0061	0.93490	0.71700	0.56224	-0.059002	-0.44577	-0.70173	-0.76750	-0.64211	-0.38864	-0.12330
6.53	1.0074	0.93851	0.72233	0.56781	-0.054778	-0.44387	-0.70224	-0.76965	-0.64465	-0.39047	-0.12295
6.54	1.0086	0.94216	0.72772	0.57341	-0.050540	-0.44200	-0.70281	-0.77187	-0.64728	-0.39236	-0.12261
6.55	1.0099	0.94584	0.73316	0.57907	-0.046289	-0.44016	-0.70345	-0.77418	-0.64998	-0.39429	-0.12230
6.56	1.0112	0.94956	0.73865	0.58476	-0.042022	-0.43834	-0.70415	-0.77657	-0.65276	-0.39627	-0.12199
6.57	1.0126	0.95333	0.74420	0.59051	-0.037738	-0.43656	-0.70492	-0.77905	-0.65562	-0.39831	-0.12171
6.58	1.0139	0.95713	0.74981	0.59630	-0.033437	-0.43479	-0.70575	-0.78161	-0.65855	-0.40039	-0.12144
6.59	1.0153	0.96098	0.75547	0.60215	-0.029116	-0.43306	-0.70665	-0.78426	-0.66157	-0.40253	-0.12119
6.60	1.0166	0.96487	0.76119	0.60805	-0.024774	-0.43135	-0.70761	-0.78700	-0.66443	-0.40472	-0.12096
6.61	1.0180	0.96880	0.76698	0.61400	-0.020410	-0.42966	-0.70865	-0.78983	-0.66786	-0.40698	-0.12075
6.62	1.0194	0.97278	0.77283	0.62001	-0.016023	-0.42800	-0.70975	-0.79276	-0.67114	-0.40928	-0.12056
6.63	1.0208	0.97681	0.77875	0.62608	-0.011610	-0.42636	-0.71093	-0.79577	-0.67450	-0.41164	-0.12038
6.64	1.0223	0.98089	0.78474	0.63221	-0.007170	-0.42474	-0.71217	-0.79889	-0.67795	-0.41406	-0.12023
6.65	1.0237	0.98502	0.79080	0.63841	-0.002703	-0.42315	-0.71348	-0.80209	-0.68150	-0.41654	-0.12009
6.66	1.0252	0.98921	0.79693	0.64467	0.001794	-0.42158	-0.71487	-0.80540	-0.68513	-0.41900	-0.12000
6.67	1.0267	0.99344	0.80314	0.65100	0.006323	-0.42004	-0.71633	-0.80881	-0.68886	-0.42169	-0.12000
6.68	1.0282	0.99773	0.80942	0.65740	0.010884	-0.41852	-0.71786	-0.81232	-0.69269	-0.42436	-0.12000
6.69	1.0297	1.0021	0.81579	0.66388	0.015481	-0.41702	-0.71947	-0.81593	-0.69662	-0.42709	-0.12000
6.70	1.0313	1.0065	0.82224	0.67043	0.020118	-0.41554	-0.72116	-0.81965	-0.70065	-0.42989	-0.12000
6.71	1.0329	1.0110	0.82877	0.67706	0.024784	-0.41408	-0.72292	-0.82348	-0.70478	-0.43276	-0.12000
6.72	1.0345	1.0155	0.83540	0.68377	0.029495	-0.41264	-0.72476	-0.82742	-0.70902	-0.43569	-0.12000
6.73	1.0361	1.0201	0.84211	0.69056	0.034247	-0.41123	-0.72668	-0.83147	-0.71337	-0.43870	-0.12000
6.74	1.0377	1.0247	0.84892	0.69745	0.039044	-0.40983	-0.72868	-0.83564	-0.71783	-0.44178	-0.12000
6.75	1.0394	1.0295	0.85582	0.70442	0.043886	-0.40846	-0.73077	-0.83993	-0.72240	-0.44494	-0.12000
6.76	1.0411	1.0343	0.86283	0.71148	0.048776	-0.40710	-0.73294	-0.84433	-0.72709	-0.44817	-0.12000
6.77	1.0428	1.0391	0.86993	0.71864	0.053716	-0.40577	-0.73520	-0.84887	-0.73189	-0.45148	-0.12000
6.78	1.0445	1.0441	0.87715	0.72590	0.058707	-0.40445	-0.73754	-0.85352	-0.73682	-0.45488	-0.12000
6.79	1.0463	1.0491	0.88447	0.73327	0.063753	-0.40316	-0.73997	-0.85831	-0.74187	-0.45835	-0.12000
6.80	1.0481	1.0542	0.89191	0.74074	0.068856	-0.40188	-0.74250	-0.86323	-0.74706	-0.46191	-0.12000
6.81	1.0499	1.0594	0.89946	0.74832	0.074017	-0.40062	-0.74512	-0.86828	-0.75287	-0.46556	-0.12000
6.82	1.0518	1.0646	0.90713	0.75601	0.079239	-0.39938	-0.74783	-0.87347	-0.75882	-0.46929	-0.12000
6.83	1.0537	1.0700	0.91493	0.76382	0.084526	-0.39816	-0.75064	-0.87881	-0.76480	-0.47312	-0.12000
6.84	1.0556	1.0754	0.92286	0.77175	0.089878	-0.39696	-0.75355	-0.88429	-0.76913	-0.47705	-0.12000

TABLE 1 - VALUES OF THE COEFFICIENT C_8 - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
6.85	1.0575	1.0810	0.93091	0.57981	0.095800	-0.39377	-0.75656	-0.88952	-0.77501	-0.48107	-0.15644
6.86	1.0595	1.0866	0.93911	0.58800	0.10079	-0.39161	-0.75967	-0.89570	-0.78108	-0.48518	-0.15786
6.87	1.0615	1.0923	0.94745	0.59633	0.10636	-0.39445	-0.76289	-0.90165	-0.78721	-0.48941	-0.15981
6.88	1.0636	1.0981	0.95523	0.60479	0.11201	-0.39232	-0.76622	-0.90775	-0.79353	-0.49374	-0.16080
6.89	1.0657	1.1040	0.96356	0.61340	0.11774	-0.39121	-0.76967	-0.91402	-0.80005	-0.49817	-0.16233
6.90	1.0678	1.1101	0.97385	0.62215	0.12355	-0.39011	-0.77322	-0.92047	-0.80672	-0.50272	-0.16390
6.91	1.0700	1.1162	0.98280	0.63107	0.12945	-0.38903	-0.77690	-0.92709	-0.81357	-0.50738	-0.16550
6.92	1.0722	1.1225	0.99142	0.64014	0.13544	-0.38796	-0.78063	-0.93389	-0.82059	-0.51217	-0.16715
6.93	1.0744	1.1289	1.0007	0.64938	0.14152	-0.38691	-0.78461	-0.94088	-0.82779	-0.51707	-0.16884
6.94	1.0767	1.1354	1.0102	0.65879	0.14770	-0.38588	-0.78866	-0.94806	-0.83519	-0.52211	-0.17057
6.95	1.0790	1.1420	1.0198	0.66838	0.15399	-0.38486	-0.79283	-0.95534	-0.84278	-0.52727	-0.17234
6.96	1.0814	1.1488	1.0297	0.67815	0.16038	-0.38396	-0.79714	-0.96303	-0.85057	-0.53257	-0.17416
6.97	1.0839	1.1557	1.0397	0.68811	0.16688	-0.38307	-0.80159	-0.97082	-0.85857	-0.53801	-0.17603
6.98	1.0863	1.1627	1.0500	0.69828	0.17350	-0.38219	-0.80619	-0.97884	-0.86679	-0.54359	-0.17795
6.99	1.0889	1.1699	1.0604	0.70865	0.18024	-0.38134	-0.81093	-0.98708	-0.87523	-0.54932	-0.17992
7.00	1.0914	1.1773	1.0711	0.71923	0.18710	-0.38050	-0.81582	-0.99555	-0.88390	-0.55520	-0.18194
7.01	1.0941	1.1847	1.0820	0.73003	0.19409	-0.37968	-0.82087	-1.0043	-0.89281	-0.56125	-0.18402
7.02	1.0967	1.1924	1.0932	0.74107	0.20122	-0.37887	-0.82608	-1.0132	-0.90156	-0.56746	-0.18615
7.03	1.0995	1.2002	1.1046	0.75234	0.20849	-0.37809	-0.83145	-1.0224	-0.91137	-0.57384	-0.18834
7.04	1.1023	1.2082	1.1162	0.76386	0.21590	-0.37733	-0.83700	-1.0319	-0.92104	-0.58039	-0.19059
7.05	1.1052	1.2164	1.1281	0.77564	0.22347	-0.37652	-0.84273	-1.0417	-0.93099	-0.58713	-0.19290
7.06	1.1081	1.2248	1.1403	0.78769	0.23119	-0.37566	-0.84864	-1.0517	-0.94122	-0.59406	-0.19528
7.07	1.1111	1.2333	1.1528	0.80001	0.23908	-0.37482	-0.85474	-1.0621	-0.95174	-0.60115	-0.19772
7.08	1.1142	1.2421	1.1655	0.81263	0.24714	-0.37400	-0.86104	-1.0727	-0.96257	-0.60852	-0.20024
7.09	1.1173	1.2511	1.1786	0.82555	0.25539	-0.37319	-0.86754	-1.0837	-0.97372	-0.61607	-0.20283
7.10	1.1205	1.2603	1.1920	0.83878	0.26382	-0.37239	-0.87425	-1.0950	-0.98519	-0.62384	-0.20549
7.11	1.1239	1.2697	1.2058	0.85234	0.27245	-0.37160	-0.88119	-1.1066	-0.99701	-0.63183	-0.20823
7.12	1.1272	1.2794	1.2198	0.86625	0.28128	-0.37083	-0.88835	-1.1186	-1.0092	-0.64007	-0.21106
7.13	1.1307	1.2893	1.2343	0.88051	0.29032	-0.36997	-0.89575	-1.1310	-1.0217	-0.64855	-0.21397
7.14	1.1343	1.2994	1.2491	0.89514	0.29959	-0.36908	-0.90340	-1.1438	-1.0347	-0.65730	-0.21697
7.15	1.1379	1.3099	1.2643	0.91016	0.30910	-0.36819	-0.91130	-1.1569	-1.0480	-0.66631	-0.22006
7.16	1.1417	1.3206	1.2800	0.92558	0.31884	-0.36737	-0.91947	-1.1705	-1.0618	-0.67561	-0.22324
7.17	1.1455	1.3316	1.2960	0.94143	0.32885	-0.36657	-0.92792	-1.1845	-1.0759	-0.68520	-0.22652
7.18	1.1495	1.3429	1.3126	0.95772	0.33912	-0.36577	-0.93666	-1.1990	-1.0906	-0.69510	-0.22992
7.19	1.1535	1.3546	1.3295	0.97447	0.34967	-0.36499	-0.94570	-1.2140	-1.1057	-0.70532	-0.23343

TABLE 1 - VALUES OF THE COEFFICIENT C_s - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
7.20	1.1577	1.3666	1.3470	0.99171	0.36051	-0.36412	-0.95505	-1.2294	-1.1213	-0.71588	-0.23705
7.21	1.1620	1.3789	1.3650	1.0095	0.37167	-0.36346	-0.96474	-1.2454	-1.1375	-0.72679	-0.24078
7.22	1.1664	1.3916	1.3836	1.0277	0.38314	-0.36282	-0.97477	-1.2619	-1.1542	-0.73807	-0.24465
7.23	1.1710	1.4047	1.4027	1.0466	0.39496	-0.36218	-0.98516	-1.2790	-1.1714	-0.74978	-0.24864
7.24	1.1757	1.4182	1.4224	1.0660	0.40713	-0.36156	-0.99593	-1.2967	-1.1893	-0.76179	-0.25278
7.25	1.1806	1.4321	1.4427	1.0860	0.41958	-0.36095	-1.0071	-1.3151	-1.2078	-0.77428	-0.25706
7.26	1.1856	1.4464	1.4637	1.1067	0.43262	-0.36036	-1.0187	-1.3340	-1.2278	-0.78722	-0.26149
7.27	1.1907	1.4618	1.4854	1.1281	0.44598	-0.35977	-1.0307	-1.3537	-1.2468	-0.80063	-0.26609
7.28	1.1961	1.4766	1.5078	1.1502	0.45978	-0.35920	-1.0432	-1.3741	-1.2674	-0.81452	-0.27085
7.29	1.2016	1.4924	1.5309	1.1730	0.47404	-0.35863	-1.0561	-1.3953	-1.2888	-0.82894	-0.27579
7.30	1.2073	1.5088	1.5549	1.1967	0.48879	-0.35808	-1.0696	-1.4173	-1.3109	-0.84391	-0.28091
7.31	1.2132	1.5258	1.5797	1.2211	0.50405	-0.35754	-1.0836	-1.4401	-1.3340	-0.85945	-0.28624
7.32	1.2193	1.5433	1.6055	1.2465	0.51986	-0.35702	-1.0982	-1.4639	-1.3579	-0.87560	-0.29177
7.33	1.2256	1.5616	1.6322	1.2728	0.53625	-0.35650	-1.1133	-1.4886	-1.3828	-0.89240	-0.29753
7.34	1.2322	1.5805	1.6598	1.3001	0.55324	-0.35599	-1.1291	-1.5143	-1.4087	-0.90988	-0.30352
7.35	1.2390	1.6001	1.6886	1.3285	0.57089	-0.35550	-1.1456	-1.5411	-1.4356	-0.92809	-0.30976
7.36	1.2461	1.6205	1.7185	1.3530	0.58922	-0.35501	-1.1627	-1.5690	-1.4637	-0.94705	-0.31626
7.37	1.2534	1.6417	1.7496	1.3887	0.60829	-0.35454	-1.1807	-1.5981	-1.4931	-0.96634	-0.32304
7.38	1.2611	1.6638	1.7820	1.4206	0.62813	-0.35408	-1.1994	-1.6285	-1.5287	-0.98750	-0.33011
7.39	1.2691	1.6868	1.8157	1.4539	0.64881	-0.35362	-1.2189	-1.6602	-1.5556	-1.0091	-0.33750
7.40	1.2774	1.7108	1.8509	1.4886	0.67037	-0.35318	-1.2394	-1.6934	-1.5890	-1.0316	-0.34523
7.41	1.2861	1.7359	1.8877	1.5249	0.69288	-0.35275	-1.2608	-1.7281	-1.6240	-1.0552	-0.35332
7.42	1.2951	1.7620	1.9261	1.5628	0.71641	-0.35233	-1.2833	-1.7645	-1.6607	-1.0800	-0.36180
7.43	1.3046	1.7894	1.9663	1.6025	0.74101	-0.35192	-1.3069	-1.8027	-1.6991	-1.1059	-0.37069
7.44	1.3145	1.8181	2.0084	1.6441	0.76679	-0.35152	-1.3316	-1.8428	-1.7394	-1.1331	-0.38001
7.45	1.3249	1.8481	2.0525	1.6877	0.79381	-0.35114	-1.3576	-1.8849	-1.7818	-1.1617	-0.38982
7.46	1.3358	1.8797	2.0989	1.7334	0.82219	-0.35076	-1.3850	-1.9292	-1.8264	-1.1916	-0.40013
7.47	1.3473	1.9128	2.1476	1.7816	0.85202	-0.35039	-1.4139	-1.9759	-1.8734	-1.2285	-0.41100
7.48	1.3594	1.9477	2.1989	1.8328	0.88342	-0.35003	-1.4448	-2.0251	-1.9229	-1.2570	-0.42246
7.49	1.3724	1.9845	2.2580	1.8857	0.91653	-0.34968	-1.4765	-2.0771	-1.9753	-1.2928	-0.43457
7.50	1.3855	2.0233	2.3101	1.9421	0.95148	-0.34934	-1.5105	-2.1321	-2.0306	-1.3297	-0.44787
7.51	1.3997	2.0644	2.3705	2.0018	0.98845	-0.34902	-1.5466	-2.1903	-2.0892	-1.3693	-0.46094
7.52	1.4147	2.1079	2.4345	2.0651	1.0276	-0.34870	-1.5849	-2.2522	-2.1515	-1.4113	-0.47594
7.53	1.4306	2.1540	2.5024	2.1322	1.0692	-0.34839	-1.6256	-2.3179	-2.2176	-1.4559	-0.49064
7.54	1.4475	2.2030	2.5746	2.2036	1.1134	-0.34809	-1.6689	-2.3878	-2.2880	-1.5085	-0.50694

TABLE 1 - VALUES OF THE COEFFICIENT C_G - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
7.55	1.4655	2.2552	2.6514	2.2796	1.1604	-0.84780	-1.7152	-2.4625	-2.8631	-1.5542	-0.52438
7.56	1.4847	2.3109	2.7385	2.3608	1.2107	-0.84758	-1.7446	-2.5423	-2.4485	-1.6084	-0.54292
7.57	1.5022	2.3705	2.8218	2.4477	1.2605	-0.84726	-1.8176	-2.6278	-2.5295	-1.6665	-0.56284
7.58	1.5278	2.4344	2.9155	2.5409	1.3222	-0.84700	-1.8745	-2.7136	-2.6220	-1.7290	-0.58424
7.59	1.5509	2.5031	3.0168	2.6412	1.3843	-0.84675	-1.9858	-2.8185	-2.7215	-1.7962	-0.60728
7.60	1.5764	2.5772	3.1261	2.7493	1.4512	-0.84651	-2.0020	-2.9258	-2.8290	-1.8688	-0.63217
7.61	1.6040	2.6578	3.2442	2.8668	1.5286	-0.84628	-2.0787	-3.0410	-2.9454	-1.9474	-0.65912
7.62	1.6389	2.7442	3.3725	2.9933	1.6022	-0.84606	-2.1515	-3.1666	-3.0719	-2.0328	-0.68841
7.63	1.6665	2.8388	3.5121	3.1316	1.6878	-0.84585	-2.2365	-3.3016	-3.2098	-2.1259	-0.72034
7.64	1.7021	2.9423	3.6648	3.2828	1.7815	-0.84565	-2.3294	-3.4535	-3.3607	-2.2279	-0.75530
7.65	1.7411	3.0559	3.8324	3.4489	1.8843	-0.84546	-2.4315	-3.6182	-3.5266	-2.3399	-0.79372
7.66	1.7842	3.1811	4.0178	3.6321	1.9977	-0.84527	-2.5443	-3.8002	-3.7057	-2.4686	-0.83414
7.67	1.8319	3.3199	4.2244	3.8353	2.1285	-0.84510	-2.6695	-4.0020	-3.9130	-2.6009	-0.88223
7.68	1.8851	3.4747	4.4510	4.0619	2.2688	-0.84494	-2.8092	-4.2278	-4.1899	-2.7532	-0.93576
7.69	1.9448	3.6483	4.7075	4.3162	2.4218	-0.84478	-2.9660	-4.4803	-4.4846	-2.9263	-0.99480
7.70	2.0122	3.8445	4.9974	4.6036	2.5993	-0.84464	-3.1424	-4.7665	-4.828	-3.1218	-1.0616
7.71	2.0890	4.0680	5.3277	4.9811	2.8022	-0.84450	-3.3457	-5.0927	-5.0113	-3.3429	-1.1377
7.72	2.1772	4.3250	5.7075	5.3078	3.0354	-0.84437	-3.5784	-5.4690	-5.3893	-3.5933	-1.2253
7.73	2.2798	4.6235	6.1488	5.7454	3.3066	-0.84426	-3.8489	-5.9045	-5.8289	-3.8953	-1.3271
7.74	2.4008	4.9747	6.6679	6.2604	3.6255	-0.84415	-4.1674	-6.4182	-6.3462	-4.2449	-1.4471
7.75	2.5442	5.3937	7.2875	6.8750	4.0063	-0.84405	-4.5476	-7.0316	-6.9640	-4.6624	-1.5902
7.76	2.7188	5.9025	8.0899	7.6215	4.4688	-0.84396	-5.0096	-7.7768	-7.7147	-5.1636	-1.7642
7.77	2.9354	6.5384	8.9729	8.5473	5.0424	-0.84388	-5.5827	-8.7018	-8.6459	-5.7989	-1.9801
7.78	3.2109	7.3864	10.161	9.7259	5.7727	-0.84381	-6.3125	-9.8787	-9.8319	-6.6003	-2.2550
7.79	3.5786	8.3933	11.724	11.277	6.7340	-0.84375	-7.2734	-11.429	-11.399	-7.6556	-2.6170
7.80	4.0725	9.8471	13.875	13.412	8.0567	-0.84369	-8.5956	-13.562	-13.542	-9.1079	-3.1152
7.81	4.8021	11.574	17.021	16.594	9.9917	-0.84365	-10.580	-16.685	-16.667	-11.233	-3.8441
7.82	5.9709	15.380	22.061	21.537	13.092	-0.84361	-13.630	-21.685	-21.725	-14.638	-5.0122
7.83	8.1468	21.723	31.445	30.851	18.865	-0.84359	-19.402	-30.998	-31.188	-20.979	-7.1874
7.84	13.618	37.671	55.042	54.273	38.381	-0.84357	-33.918	-54.418	-54.702	-36.925	-12.658
7.85	58.230	153.14	225.90	222.87	138.49	-0.84357	-139.03	-224.81	-225.56	-152.40	-52.269
7.86	-23.742	-71.287	-106.10	-105.68	-65.756	-0.84357	65.220	105.54	186.45	71.986	24.704
7.87	-3.0554	-28.424	-42.755	-42.803	-26.785	-0.84358	26.249	42.661	43.100	29.174	19.018
7.88	-5.3304	-17.565	-26.630	-26.856	-16.902	-0.84360	16.366	26.715	27.086	18.318	6.2382
7.89	-3.6299	-12.609	-15.355	-15.577	-12.391	-0.84363	11.856	19.437	19.704	13.363	4.5984

TABLE I - VALUES OF THE COEFFICIENT C_6 - CONTINUED

λ	RATIO x/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
7.90	-2.6560	-9.7701	-15.156	-15.409	-9.8079	-0.3436	9.2727	15.270	15.507	10.526	3.6202
7.91	-2.0249	-7.9807	-12.435	-12.703	-8.1344	-0.34871	7.5396	12.571	12.767	8.6878	2.9898
7.92	-1.5826	-6.6418	-10.528	-10.016	-6.9620	-0.34877	6.4275	10.680	10.858	7.4006	2.5483
7.93	-1.2554	-5.6884	-9.1182	-9.1168	-6.0950	-0.34383	5.5607	9.2820	9.4741	6.4489	2.2218
7.94	-1.0035	-4.9544	-8.0827	-8.3398	-5.4278	-0.34391	4.8937	8.2061	8.3905	5.7166	1.9706
7.95	-0.80356	-4.3720	-7.1714	-7.4858	-4.8984	-0.34399	4.3646	7.3527	7.5810	5.1958	1.7714
7.96	-0.64098	-3.8984	-6.4712	-6.7907	-4.4682	-0.34408	3.9346	6.6593	6.8326	4.6689	1.6096
7.97	-0.50616	-3.5057	-5.8907	-6.2150	-4.1117	-0.34418	3.5784	6.0847	6.2540	4.2780	1.4735
7.98	-0.39254	-3.1749	-5.4017	-5.7801	-3.8115	-0.34429	3.2783	5.6009	5.7668	3.9439	1.3626
7.99	-0.29546	-2.8928	-4.9840	-5.3160	-3.5551	-0.34441	3.0222	5.1880	5.3510	3.6630	1.2668
8.00	-0.21155	-2.6480	-4.6232	-4.9583	-3.3337	-0.34454	2.8009	4.8314	4.9920	3.4205	1.1831
8.01	-0.13828	-2.4348	-4.3082	-4.6461	-3.1406	-0.34468	2.6080	4.5204	4.6790	3.2090	1.1106
8.02	-0.073741	-2.2471	-4.0309	-4.3714	-2.9707	-0.34483	2.4482	4.2468	4.4036	3.0230	1.0468
8.03	-0.016451	-2.0805	-3.7849	-4.1277	-2.8200	-0.34498	2.2876	4.0043	4.1595	2.8581	0.9903
8.04	0.084755	-1.9316	-3.5652	-3.9101	-2.6834	-0.34515	2.1582	3.7877	3.9416	2.7110	0.93987
8.05	0.080806	-1.7977	-3.3676	-3.7145	-2.5636	-0.34532	2.0324	3.5933	3.7460	2.5789	0.89458
8.06	0.12245	-1.6767	-3.1891	-3.5879	-2.4554	-0.34551	1.9234	3.4178	3.5694	2.4597	0.85372
8.07	0.16080	-1.5660	-3.0270	-3.4775	-2.3564	-0.34570	1.8244	3.2585	3.4092	2.3516	0.81665
8.08	0.19485	-1.4664	-2.8791	-3.3812	-2.2661	-0.34590	1.7341	3.1133	3.2632	2.2580	0.78288
8.09	0.22652	-1.3745	-2.7436	-3.2978	-2.1834	-0.34612	1.6515	2.9805	3.1296	2.1629	0.75199
8.10	0.25567	-1.2899	-2.6191	-3.2241	-2.1075	-0.34634	1.5756	2.8585	3.0070	2.0802	0.72364
8.11	0.28259	-1.2119	-2.5041	-3.1606	-2.0375	-0.34657	1.5057	2.7460	2.8940	2.0039	0.69752
8.12	0.30753	-1.1316	-2.3977	-3.1055	-1.9728	-0.34681	1.4409	2.6420	2.7895	1.9385	0.67388
8.13	0.33070	-1.0724	-2.2989	-3.0580	-1.9127	-0.34705	1.3803	2.5456	2.6927	1.8682	0.65101
8.14	0.35230	-1.0099	-2.2070	-3.0167	-1.8569	-0.34731	1.3251	2.4560	2.6027	1.8075	0.63023
8.15	0.37247	-0.95149	-2.1212	-2.9827	-1.8049	-0.34758	1.2730	2.3725	2.5189	1.7510	0.61088
8.16	0.39136	-0.89683	-2.0409	-2.9436	-1.7568	-0.34786	1.2248	2.2945	2.4406	1.6982	0.59280
8.17	0.40910	-0.84555	-1.9656	-2.9095	-1.7107	-0.34814	1.1787	2.2214	2.3678	1.6488	0.57590
8.18	0.42578	-0.79784	-1.8949	-2.8798	-1.6680	-0.34844	1.1359	2.1529	2.2946	1.6025	0.56005
8.19	0.44150	-0.75193	-1.8283	-2.8543	-1.6278	-0.34875	1.0957	2.0884	2.2340	1.5590	0.54516
8.20	0.45685	-0.70907	-1.7655	-2.8326	-1.5900	-0.34906	1.0577	2.0278	2.1782	1.5181	0.53116
8.21	0.47039	-0.66855	-1.7061	-2.8148	-1.5538	-0.34939	1.0219	1.9706	2.1159	1.4795	0.51796
8.22	0.48370	-0.63018	-1.6499	-2.8019	-1.5206	-0.34972	0.98807	1.9165	2.0617	1.4431	0.50550
8.23	0.49634	-0.59378	-1.5967	-2.7929	-1.4897	-0.35007	0.95601	1.8663	2.0105	1.4086	0.49372
8.24	0.50835	-0.55921	-1.5462	-2.7867	-1.4585	-0.35042	0.92561	1.8169	1.9621	1.3760	0.48258

TABLE 1 - VALUES OF THE COEFFICIENT C_5 - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
8.25	0.51978	-0.52631	-1.4981	-1.8793	-1.4298	-0.35078	0.89675	1.7709	1.9161	1.3451	0.47201
8.26	0.53068	-0.49498	-1.4524	-1.8256	-1.4025	-0.35116	0.86980	1.7272	1.8724	1.3158	0.46198
8.27	0.54109	-0.46509	-1.4078	-1.7830	-1.3766	-0.35154	0.84317	1.6857	1.8309	1.2879	0.45246
8.28	0.55107	-0.43654	-1.3622	-1.7423	-1.3519	-0.35193	0.81826	1.6461	1.7914	1.2614	0.44340
8.29	0.56054	-0.40925	-1.3275	-1.7035	-1.3284	-0.35234	0.79449	1.6084	1.7538	1.2361	0.43477
8.30	0.56967	-0.38312	-1.2895	-1.6645	-1.3059	-0.35275	0.77178	1.5724	1.7179	1.2120	0.42655
8.31	0.57842	-0.35808	-1.2531	-1.6310	-1.2844	-0.35317	0.75007	1.5380	1.6836	1.1890	0.41871
8.32	0.58691	-0.33406	-1.2182	-1.5971	-1.2639	-0.35361	0.72928	1.5051	1.6509	1.1671	0.41122
8.33	0.59489	-0.31099	-1.1848	-1.5645	-1.2443	-0.35405	0.70935	1.4736	1.6196	1.1461	0.40406
8.34	0.60265	-0.28882	-1.1526	-1.5333	-1.2255	-0.35451	0.69024	1.4435	1.5896	1.1260	0.39722
8.35	0.61013	-0.26748	-1.1218	-1.5034	-1.2075	-0.35497	0.67190	1.4146	1.5609	1.1068	0.39067
8.36	0.61734	-0.24694	-1.0920	-1.4746	-1.1902	-0.35545	0.65428	1.3869	1.5334	1.0884	0.38439
8.37	0.62429	-0.22714	-1.0634	-1.4469	-1.1736	-0.35593	0.63733	1.3602	1.5069	1.0707	0.37838
8.38	0.63101	-0.20803	-1.0359	-1.4203	-1.1576	-0.35643	0.62102	1.3346	1.4816	1.0538	0.37261
8.39	0.63750	-0.18959	-1.0093	-1.3946	-1.1428	-0.35693	0.60531	1.3100	1.4572	1.0375	0.36707
8.40	0.64378	-0.17178	-0.98364	-1.3699	-1.1275	-0.35745	0.59017	1.2864	1.4338	1.0218	0.36175
8.41	0.64985	-0.15455	-0.95886	-1.3460	-1.1133	-0.35798	0.57557	1.2636	1.4112	1.0068	0.35664
8.42	0.65574	-0.13788	-0.93492	-1.3230	-1.0997	-0.35851	0.56148	1.2416	1.3896	0.99236	0.35178
8.43	0.66145	-0.12174	-0.91176	-1.3007	-1.0865	-0.35906	0.54786	1.2204	1.3687	0.97845	0.34700
8.44	0.66698	-0.10610	-0.88935	-1.2793	-1.0738	-0.35962	0.53471	1.2000	1.3485	0.96505	0.34245
8.45	0.67235	-0.090935	-0.86765	-1.2585	-1.0615	-0.36019	0.52199	1.1803	1.3291	0.95214	0.33807
8.46	0.67757	-0.076221	-0.84662	-1.2384	-1.0497	-0.36078	0.50968	1.1612	1.3104	0.93970	0.33386
8.47	0.68265	-0.061926	-0.82624	-1.2189	-1.0389	-0.36137	0.49776	1.1429	1.2928	0.92770	0.32979
8.48	0.68758	-0.048058	-0.80646	-1.2001	-1.0279	-0.36197	0.48621	1.1251	1.2749	0.91613	0.32587
8.49	0.69239	-0.034568	-0.78726	-1.1818	-1.0166	-0.36259	0.47502	1.1079	1.2580	0.90496	0.32209
8.50	0.69706	-0.021447	-0.76861	-1.1641	-1.0063	-0.36321	0.46416	1.0912	1.2418	0.89417	0.31844
8.51	0.70162	-0.008678	-0.75049	-1.1469	-0.99631	-0.36385	0.45363	1.0751	1.2260	0.88376	0.31492
8.52	0.70607	-0.003756	-0.73288	-1.1303	-0.98666	-0.36450	0.44340	1.0595	1.2108	0.87370	0.31152
8.53	0.71040	-0.015370	-0.71574	-1.1141	-0.97732	-0.36516	0.43347	1.0444	1.1961	0.86397	0.30824
8.54	0.71464	-0.027678	-0.69906	-1.0984	-0.96827	-0.36584	0.42381	1.0297	1.1818	0.85457	0.30507
8.55	0.71877	-0.039124	-0.68282	-1.0831	-0.95951	-0.36652	0.41442	1.0155	1.1680	0.84548	0.30200
8.56	0.72281	-0.050431	-0.66700	-1.0682	-0.95102	-0.36722	0.40529	1.0017	1.1546	0.83668	0.29904
8.57	0.72676	-0.061402	-0.65157	-1.0524	-0.94278	-0.36793	0.39640	0.98896	1.1417	0.82817	0.29618
8.58	0.73062	-0.072118	-0.63654	-1.0397	-0.93480	-0.36865	0.38775	0.97537	1.1291	0.81994	0.29341
8.59	0.73440	-0.082589	-0.62187	-1.0260	-0.92706	-0.36938	0.37932	0.96276	1.1170	0.81196	0.29079

TABLE 1 - VALUES OF THE COEFFICIENT C_g - CONTINUED

λ	RATIO X/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
8.60	0.73810	0.092827	-0.50755	-1.0127	-0.91955	-0.37013	0.37111	0.95051	1.1052	0.80424	0.28814	
8.61	0.74173	0.10284	-0.59957	-0.99973	-0.91227	-0.37088	0.36310	0.93860	1.0930	0.79676	0.28564	
8.62	0.74528	0.11264	-0.57992	-0.98707	-0.90519	-0.37165	0.35529	0.92708	1.0827	0.78952	0.28321	
8.63	0.74876	0.12223	-0.56658	-0.97474	-0.89033	-0.37244	0.34766	0.91578	1.0719	0.78250	0.28086	
8.64	0.75218	0.13163	-0.55353	-0.96271	-0.87166	-0.37323	0.34022	0.90483	1.0614	0.77570	0.27859	
8.65	0.75558	0.14083	-0.54077	-0.95098	-0.85518	-0.37404	0.33296	0.89418	1.0513	0.76911	0.27639	
8.66	0.75893	0.14986	-0.52829	-0.93953	-0.83869	-0.37486	0.32586	0.88382	1.0414	0.76272	0.27426	
8.67	0.76206	0.15871	-0.51608	-0.92835	-0.82278	-0.37569	0.31893	0.87378	1.0319	0.75658	0.27220	
8.68	0.76524	0.16739	-0.50412	-0.91743	-0.80664	-0.37654	0.31215	0.86399	1.0226	0.75053	0.27021	
8.69	0.76836	0.17591	-0.49244	-0.90677	-0.79107	-0.37740	0.30551	0.85434	1.0136	0.74471	0.26828	
8.70	0.77144	0.18423	-0.48091	-0.89635	-0.77546	-0.37828	0.29903	0.84502	1.0048	0.73906	0.26640	
8.71	0.77446	0.19250	-0.46961	-0.88616	-0.76001	-0.37916	0.29268	0.83593	0.99628	0.73359	0.26459	
8.72	0.77743	0.20057	-0.45865	-0.87621	-0.74470	-0.38007	0.28646	0.82708	0.98800	0.72828	0.26284	
8.73	0.78036	0.20851	-0.44783	-0.86647	-0.72955	-0.38098	0.28037	0.81845	0.97995	0.72318	0.26114	
8.74	0.78325	0.21631	-0.43721	-0.85695	-0.71458	-0.38191	0.27440	0.81003	0.97212	0.71814	0.25950	
8.75	0.78609	0.22399	-0.42679	-0.84763	-0.70005	-0.38285	0.26856	0.80183	0.96451	0.71330	0.25791	
8.76	0.78890	0.23155	-0.41656	-0.83850	-0.68591	-0.38381	0.26283	0.79382	0.95712	0.70861	0.25637	
8.77	0.79156	0.23898	-0.40651	-0.82957	-0.67203	-0.38479	0.25720	0.78601	0.94998	0.70405	0.25488	
8.78	0.79439	0.24631	-0.39664	-0.82082	-0.65861	-0.38577	0.25163	0.77839	0.94294	0.69964	0.25343	
8.79	0.79708	0.25352	-0.38693	-0.81226	-0.64544	-0.38677	0.24613	0.77095	0.93614	0.69536	0.25204	
8.80	0.79973	0.26063	-0.37739	-0.80386	-0.63219	-0.38779	0.24096	0.76368	0.92952	0.69121	0.25069	
8.81	0.80236	0.26764	-0.36801	-0.79564	-0.61906	-0.38882	0.23575	0.75659	0.92309	0.68718	0.24938	
8.82	0.80495	0.27455	-0.35878	-0.78757	-0.60604	-0.38987	0.23062	0.74967	0.91684	0.68328	0.24812	
8.83	0.80751	0.28137	-0.34970	-0.77966	-0.59313	-0.39093	0.22559	0.74290	0.91075	0.67950	0.24690	
8.84	0.81004	0.28809	-0.34076	-0.77191	-0.58032	-0.39201	0.22064	0.73630	0.90484	0.67584	0.24572	
8.85	0.81254	0.29473	-0.33196	-0.76430	-0.56762	-0.39310	0.21577	0.72984	0.89909	0.67229	0.24458	
8.86	0.81502	0.30129	-0.32329	-0.75684	-0.55502	-0.39421	0.21098	0.72354	0.89349	0.66885	0.24348	
8.87	0.81747	0.30777	-0.31475	-0.74951	-0.54252	-0.39534	0.20627	0.71737	0.88805	0.66552	0.24242	
8.88	0.81989	0.31416	-0.30633	-0.74232	-0.53011	-0.39648	0.20164	0.71135	0.88276	0.66230	0.24140	
8.89	0.82229	0.32049	-0.29804	-0.73526	-0.51780	-0.39764	0.19708	0.70546	0.87762	0.65918	0.24041	
8.90	0.82467	0.32674	-0.28985	-0.72833	-0.50558	-0.39882	0.19259	0.69971	0.87262	0.65616	0.23946	
8.91	0.82703	0.33292	-0.28178	-0.72152	-0.49345	-0.40001	0.18816	0.69408	0.86775	0.65324	0.23854	
8.92	0.82936	0.33903	-0.27382	-0.71482	-0.48140	-0.40122	0.18380	0.68858	0.86303	0.65041	0.23766	
8.93	0.83168	0.34509	-0.26596	-0.70825	-0.46944	-0.40245	0.17950	0.68319	0.85844	0.64769	0.23681	
8.94	0.83397	0.35108	-0.25821	-0.70179	-0.45757	-0.40369	0.17527	0.67793	0.85397	0.64505	0.23599	

TABLE I - VALUES OF THE COEFFICIENT C_B - CONTINUED

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
8.95	0.88625	0.35701	-0.25055	-0.69543	-0.75577	-0.40495	0.17109	0.67278	0.84964	0.61250	0.23521	
8.96	0.88651	0.36288	-0.24298	-0.68919	-0.75306	-0.40628	0.16697	0.66775	0.84543	0.61095	0.23444	
8.97	0.88676	0.36870	-0.23551	-0.68304	-0.75042	-0.40759	0.16290	0.66282	0.84134	0.60930	0.23367	
8.98	0.88701	0.37446	-0.22812	-0.67700	-0.74786	-0.40885	0.15889	0.65801	0.83737	0.60805	0.23305	
8.99	0.88726	0.38018	-0.22082	-0.67105	-0.74537	-0.41018	0.15493	0.65329	0.83351	0.60681	0.23238	
9.00	0.88751	0.38585	-0.21360	-0.66520	-0.74296	-0.41154	0.15102	0.64868	0.82977	0.60557	0.23175	
9.01	0.88776	0.39147	-0.20646	-0.65944	-0.74062	-0.41291	0.14715	0.64417	0.82614	0.60433	0.23115	
9.02	0.88801	0.39705	-0.19939	-0.65378	-0.73835	-0.41428	0.14338	0.63975	0.82262	0.60309	0.23056	
9.03	0.88826	0.40258	-0.19240	-0.64819	-0.73615	-0.41565	0.13956	0.63543	0.81921	0.60185	0.23003	
9.04	0.88851	0.40808	-0.18548	-0.64270	-0.73402	-0.41702	0.13582	0.63120	0.81590	0.60061	0.22951	
9.05	0.88876	0.41358	-0.17868	-0.63728	-0.73195	-0.41839	0.13218	0.62706	0.81270	0.60000	0.22902	
9.06	0.88901	0.41895	-0.17185	-0.63195	-0.72995	-0.41976	0.12848	0.62301	0.80960	0.59939	0.22855	
9.07	0.88926	0.42433	-0.16512	-0.62670	-0.72802	-0.42113	0.12487	0.61904	0.80659	0.59878	0.22812	
9.08	0.88951	0.42968	-0.15846	-0.62152	-0.72615	-0.42250	0.12129	0.61516	0.80369	0.59817	0.22770	
9.09	0.88976	0.43500	-0.15186	-0.61641	-0.72434	-0.42387	0.11775	0.61136	0.80088	0.59756	0.22732	
9.10	0.88999	0.44029	-0.14532	-0.61138	-0.72259	-0.42524	0.11424	0.60765	0.79817	0.59695	0.22696	
9.11	0.89026	0.44554	-0.13889	-0.60642	-0.72090	-0.42661	0.11077	0.60401	0.79555	0.59634	0.22662	
9.12	0.89051	0.45077	-0.13238	-0.60152	-0.71928	-0.42798	0.10738	0.60045	0.79302	0.59573	0.22631	
9.13	0.89076	0.45598	-0.12601	-0.59670	-0.71771	-0.42935	0.10391	0.59696	0.79058	0.59512	0.22603	
9.14	0.89101	0.46116	-0.11967	-0.59193	-0.71620	-0.43072	0.10058	0.59349	0.78824	0.59451	0.22576	
9.15	0.89126	0.46632	-0.11338	-0.58724	-0.71475	-0.43209	0.097177	0.59001	0.78597	0.59390	0.22553	
9.16	0.89151	0.47145	-0.10714	-0.58260	-0.71335	-0.43346	0.093849	0.58655	0.78380	0.59329	0.22531	
9.17	0.89176	0.47657	-0.10098	-0.57802	-0.71201	-0.43483	0.090547	0.58317	0.78171	0.59268	0.22512	
9.18	0.89201	0.48166	-0.094778	-0.57350	-0.71073	-0.43620	0.087269	0.58002	0.77971	0.59207	0.22496	
9.19	0.89226	0.48674	-0.088651	-0.56904	-0.70950	-0.43757	0.084014	0.57756	0.77779	0.59146	0.22482	
9.20	0.89251	0.49181	-0.082566	-0.56463	-0.70832	-0.43894	0.080782	0.57557	0.77595	0.59085	0.22470	
9.21	0.89276	0.49685	-0.076518	-0.56028	-0.70720	-0.44031	0.077572	0.57364	0.77419	0.59024	0.22460	
9.22	0.89301	0.50189	-0.070509	-0.55598	-0.70613	-0.44168	0.074381	0.57177	0.77252	0.58963	0.22458	
9.23	0.89326	0.50691	-0.064521	-0.55173	-0.70511	-0.44305	0.071210	0.56997	0.77092	0.58902	0.22448	
9.24	0.89351	0.51192	-0.058570	-0.54753	-0.70414	-0.44442	0.068058	0.56828	0.76941	0.58841	0.22445	
9.25	0.89376	0.51693	-0.052648	-0.54338	-0.70323	-0.44579	0.064922	0.56665	0.76797	0.58780	0.22445	
9.26	0.89401	0.52192	-0.046753	-0.53928	-0.70236	-0.44716	0.061808	0.56505	0.76660	0.58719	0.22446	
9.27	0.89426	0.52691	-0.040884	-0.53522	-0.70155	-0.44853	0.058739	0.56346	0.76532	0.58658	0.22450	
9.28	0.89451	0.53189	-0.035040	-0.53121	-0.70078	-0.44990	0.055610	0.56186	0.76411	0.58597	0.22457	
9.29	0.89476	0.53686	-0.029219	-0.52724	-0.70007	-0.45127	0.052535	0.56029	0.76298	0.58536	0.22465	

TABLE 1 - VALUES OF THE COEFFICIENT C_6 - CONTINUED

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
9.30	0.90947	0.54183	-0.023419	-0.52882	-0.63940	-0.46244	0.049472	0.54802	0.76192	0.60088	0.22476	
9.31	0.91150	0.54680	-0.017638	-0.51943	-0.63879	-0.46354	0.046420	0.54568	0.76094	0.60084	0.22489	
9.32	0.91253	0.55177	-0.011876	-0.51559	-0.63822	-0.46667	0.048880	0.54389	0.76008	0.60086	0.22504	
9.33	0.91557	0.55674	-0.006131	-0.51178	-0.63770	-0.46882	0.040849	0.54116	0.75919	0.60043	0.22521	
9.34	0.91761	0.56171	-0.000402	-0.50801	-0.63728	-0.47102	0.037828	0.53899	0.75848	0.60056	0.22541	
9.35	0.91565	0.56668	0.005314	-0.50428	-0.63681	-0.47324	0.034815	0.53686	0.75774	0.60075	0.22563	
9.36	0.92170	0.57166	0.011017	-0.50059	-0.63648	-0.47549	0.031809	0.53478	0.75712	0.60100	0.22587	
9.37	0.92375	0.57664	0.016709	-0.49698	-0.63611	-0.47778	0.028809	0.53276	0.75658	0.60181	0.22614	
9.38	0.92580	0.58162	0.022392	-0.49330	-0.63578	-0.48011	0.025815	0.53079	0.75610	0.60168	0.22642	
9.39	0.92787	0.58661	0.028066	-0.48971	-0.63559	-0.48246	0.022826	0.52886	0.75570	0.60211	0.22678	
9.40	0.92993	0.59161	0.033733	-0.48615	-0.63531	-0.48485	0.019841	0.52698	0.75537	0.60259	0.22706	
9.41	0.93201	0.59662	0.039395	-0.48262	-0.63527	-0.48728	0.016859	0.52515	0.75511	0.60318	0.22742	
9.42	0.93409	0.60164	0.045053	-0.47912	-0.63518	-0.48975	0.013879	0.52337	0.75493	0.60374	0.22779	
9.43	0.93618	0.60667	0.050708	-0.47565	-0.63518	-0.49225	0.010400	0.52164	0.75481	0.60440	0.22819	
9.44	0.93828	0.61172	0.056362	-0.47221	-0.63514	-0.49479	0.007422	0.51995	0.75477	0.60512	0.22862	
9.45	0.94038	0.61678	0.062016	-0.46880	-0.63519	-0.49736	0.004444	0.51831	0.75479	0.60590	0.22906	
9.46	0.94250	0.62185	0.067671	-0.46541	-0.63528	-0.49998	0.001464	0.51671	0.75489	0.60674	0.22953	
9.47	0.94462	0.62694	0.073329	-0.46205	-0.63543	-0.50268	-0.001517	0.51516	0.75506	0.60764	0.23002	
9.48	0.94676	0.63205	0.078992	-0.45871	-0.63562	-0.50538	-0.004501	0.51366	0.75580	0.60860	0.23054	
9.49	0.94890	0.63717	0.084661	-0.45540	-0.63586	-0.50807	-0.007489	0.51219	0.75561	0.60962	0.23108	
9.50	0.95105	0.64232	0.090336	-0.45211	-0.63614	-0.51085	-0.010482	0.51078	0.75600	0.61071	0.23165	
9.51	0.95322	0.64748	0.096020	-0.44884	-0.63648	-0.51367	-0.013480	0.50940	0.75645	0.61185	0.23228	
9.52	0.95540	0.65257	0.10171	-0.44559	-0.63686	-0.51654	-0.016484	0.50807	0.75698	0.61306	0.23285	
9.53	0.95759	0.65769	0.10742	-0.44237	-0.63729	-0.51945	-0.019495	0.50678	0.75758	0.61433	0.23348	
9.54	0.95979	0.66313	0.11314	-0.43917	-0.63776	-0.52240	-0.022514	0.50554	0.75826	0.61566	0.23415	
9.55	0.96201	0.66839	0.11887	-0.43598	-0.63829	-0.52541	-0.025542	0.50438	0.75901	0.61706	0.23483	
9.56	0.96424	0.67368	0.12462	-0.43281	-0.63885	-0.52846	-0.028579	0.50317	0.75983	0.61852	0.23555	
9.57	0.96648	0.67900	0.13038	-0.42966	-0.63948	-0.53156	-0.031628	0.50205	0.76072	0.62004	0.23628	
9.58	0.96874	0.68435	0.13617	-0.42658	-0.70015	-0.53471	-0.034688	0.50098	0.76169	0.62168	0.23705	
9.59	0.97101	0.68974	0.14197	-0.42341	-0.70088	-0.53790	-0.037760	0.49994	0.76274	0.62329	0.23784	
9.60	0.97330	0.69515	0.14780	-0.42031	-0.70165	-0.54115	-0.040845	0.49895	0.76386	0.62501	0.23866	
9.61	0.97561	0.70060	0.15365	-0.41722	-0.70247	-0.54446	-0.043945	0.49799	0.76505	0.62680	0.23950	
9.62	0.97793	0.70609	0.15952	-0.41415	-0.70334	-0.54781	-0.047060	0.49708	0.76638	0.62866	0.24037	
9.63	0.98028	0.71161	0.16542	-0.41109	-0.70426	-0.55122	-0.050192	0.49621	0.76768	0.63059	0.24127	
9.64	0.98264	0.71717	0.17135	-0.40804	-0.70528	-0.55469	-0.053384	0.49538	0.76911	0.63259	0.24220	

TABLE 1 - VALUES OF THE COEFFICIENT c_0 - CONTINUED

λ	RATIO λ/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
9.65	0.98512	0.72278	0.17731	-0.40500	-0.70626	-0.55822	-0.056507	0.49459	0.77061	0.63465	0.24815
9.66	0.98741	0.72842	0.18330	-0.40190	-0.70734	-0.56180	-0.059693	0.49384	0.77220	0.63680	0.24814
9.67	0.98938	0.73411	0.18933	-0.39896	-0.70847	-0.56544	-0.062899	0.49318	0.77387	0.63901	0.24815
9.68	0.99227	0.73984	0.19538	-0.39595	-0.70965	-0.56915	-0.066126	0.49246	0.77562	0.64180	0.24820
9.69	0.99474	0.74562	0.20148	-0.39295	-0.71089	-0.57291	-0.069376	0.49184	0.77746	0.64466	0.24827
9.70	0.99722	0.75145	0.20761	-0.38996	-0.71218	-0.57674	-0.072649	0.49125	0.77937	0.64610	0.24837
9.71	0.99978	0.75733	0.21378	-0.38698	-0.71353	-0.58064	-0.075946	0.49071	0.78137	0.64861	0.24951
9.72	1.0023	0.76326	0.22000	-0.38400	-0.71498	-0.58460	-0.079270	0.49020	0.78336	0.65121	0.25063
9.73	1.0048	0.76924	0.22626	-0.38103	-0.71640	-0.58863	-0.082620	0.48974	0.78563	0.65388	0.25188
9.74	1.0074	0.77528	0.23256	-0.37806	-0.71791	-0.59273	-0.085997	0.48932	0.78790	0.65664	0.25311
9.75	1.0100	0.78138	0.23892	-0.37509	-0.71949	-0.59691	-0.089405	0.48894	0.79025	0.65948	0.25438
9.76	1.0126	0.78753	0.24532	-0.37213	-0.72113	-0.60115	-0.092842	0.48860	0.79269	0.66240	0.25568
9.77	1.0153	0.79375	0.25177	-0.36917	-0.72283	-0.60541	-0.096311	0.48830	0.79522	0.66541	0.25702
9.78	1.0180	0.80008	0.25828	-0.36621	-0.72458	-0.60987	-0.099813	0.48804	0.79785	0.66851	0.25839
9.79	1.0207	0.80638	0.26485	-0.36325	-0.72640	-0.61435	-0.10335	0.48783	0.80058	0.67169	0.25980
9.80	1.0234	0.81279	0.27147	-0.36029	-0.72828	-0.61891	-0.10692	0.48766	0.80340	0.67496	0.26124
9.81	1.0262	0.81928	0.27815	-0.35733	-0.73023	-0.62355	-0.11053	0.48753	0.80631	0.67833	0.26273
9.82	1.0290	0.82583	0.28490	-0.35437	-0.73224	-0.62828	-0.11418	0.48744	0.80938	0.68179	0.26425
9.83	1.0318	0.83247	0.29171	-0.35140	-0.73432	-0.63309	-0.11787	0.48740	0.81255	0.68535	0.26581
9.84	1.0346	0.83917	0.29860	-0.34848	-0.73647	-0.63800	-0.12159	0.48740	0.81568	0.68901	0.26741
9.85	1.0377	0.84596	0.30555	-0.34545	-0.73868	-0.64299	-0.12537	0.48744	0.81901	0.69276	0.26905
9.86	1.0406	0.85288	0.31257	-0.34247	-0.74096	-0.64808	-0.12918	0.48753	0.82245	0.69662	0.27074
9.87	1.0436	0.85978	0.31967	-0.33948	-0.74332	-0.65327	-0.13305	0.48766	0.82600	0.70058	0.27246
9.88	1.0466	0.86682	0.32685	-0.33648	-0.74575	-0.65855	-0.13696	0.48784	0.82966	0.70465	0.27424
9.89	1.0497	0.87396	0.33411	-0.33348	-0.74825	-0.66394	-0.14092	0.48807	0.83338	0.70883	0.27605
9.90	1.0528	0.88118	0.34146	-0.33046	-0.75082	-0.66943	-0.14493	0.48834	0.83738	0.71313	0.27792
9.91	1.0560	0.88850	0.34889	-0.32744	-0.75348	-0.67503	-0.14899	0.48865	0.84144	0.71753	0.27988
9.92	1.0592	0.89592	0.35641	-0.32440	-0.75621	-0.68074	-0.15312	0.48902	0.84547	0.72206	0.28178
9.93	1.0624	0.90345	0.36403	-0.32135	-0.75903	-0.68656	-0.15729	0.48948	0.84948	0.72670	0.28379
9.94	1.0657	0.91107	0.37175	-0.31828	-0.76192	-0.69250	-0.16158	0.48989	0.85342	0.73147	0.28585
9.95	1.0690	0.91881	0.37956	-0.31520	-0.76491	-0.69856	-0.16588	0.49040	0.85744	0.73636	0.28797
9.96	1.0724	0.92666	0.38748	-0.31210	-0.76797	-0.70475	-0.17019	0.49096	0.86150	0.74134	0.29018
9.97	1.0758	0.93463	0.39551	-0.30899	-0.77113	-0.71106	-0.17462	0.49157	0.86560	0.74634	0.29285
9.98	1.0793	0.94272	0.40365	-0.30585	-0.77437	-0.71750	-0.17912	0.49224	0.86982	0.75133	0.29468
9.99	1.0828	0.95093	0.41191	-0.30270	-0.77771	-0.72407	-0.18369	0.49295	0.87410	0.75727	0.29697

TABLE 1 - VALUES OF THE COEFFICIENT C_S - CONTINUED

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
10.00	1.0864	0.95927	0.82029	-0.29952	-0.78115	-0.73079	-0.18838	0.49372	0.88332	0.66284	0.29986	
10.01	1.0901	0.96775	0.82879	-0.29682	-0.78468	-0.73765	-0.19305	0.49455	0.88870	0.76857	0.30182	
10.02	1.0938	0.97636	0.83742	-0.29310	-0.78831	-0.74465	-0.19785	0.49543	0.89428	0.77415	0.30484	
10.03	1.0976	0.98511	0.84619	-0.28985	-0.79204	-0.75181	-0.20272	0.49636	0.89992	0.78048	0.30692	
10.04	1.1014	0.99401	0.85509	-0.28657	-0.79588	-0.75913	-0.20769	0.49736	0.90576	0.78668	0.30958	
10.05	1.1053	1.0031	0.86414	-0.28326	-0.79983	-0.76660	-0.21274	0.49841	0.91181	0.79304	0.31230	
10.06	1.1093	1.0123	0.87338	-0.27992	-0.80389	-0.77424	-0.21788	0.49952	0.91801	0.79957	0.31509	
10.07	1.1133	1.0216	0.88268	-0.27655	-0.80806	-0.78206	-0.22312	0.50070	0.92439	0.80628	0.31796	
10.08	1.1174	1.0312	0.89219	-0.27315	-0.81235	-0.79005	-0.22845	0.50194	0.93096	0.81317	0.32090	
10.09	1.1216	1.0409	0.90187	-0.26971	-0.81676	-0.79823	-0.23385	0.50324	0.93772	0.82024	0.32392	
10.10	1.1259	1.0508	0.91172	-0.26623	-0.82130	-0.80659	-0.23943	0.50461	0.94467	0.82751	0.32702	
10.11	1.1302	1.0609	0.92174	-0.26272	-0.82597	-0.81516	-0.24508	0.50605	0.95183	0.83498	0.33021	
10.12	1.1347	1.0712	0.93195	-0.25916	-0.83076	-0.82392	-0.25084	0.50756	0.95919	0.84265	0.33348	
10.13	1.1392	1.0816	0.94286	-0.25556	-0.83570	-0.83290	-0.25672	0.50913	0.96677	0.85054	0.33684	
10.14	1.1438	1.0923	0.95296	-0.25191	-0.84077	-0.84209	-0.26273	0.51079	0.97457	0.85865	0.34029	
10.15	1.1485	1.1032	0.96377	-0.24821	-0.84599	-0.85151	-0.26886	0.51251	0.98260	0.86698	0.34383	
10.16	1.1533	1.1143	0.97480	-0.24446	-0.85136	-0.86116	-0.27512	0.51432	0.99087	0.87555	0.34748	
10.17	1.1581	1.1257	0.98605	-0.24066	-0.85689	-0.87105	-0.28152	0.51620	0.99938	0.88436	0.35122	
10.18	1.1631	1.1373	0.99753	-0.23681	-0.86258	-0.88119	-0.28806	0.51816	1.0081	0.89342	0.35507	
10.19	1.1682	1.1491	0.60925	-0.23289	-0.86843	-0.89159	-0.29475	0.52021	1.0172	0.90274	0.35903	
10.20	1.1735	1.1612	0.62123	-0.22892	-0.87445	-0.90226	-0.30159	0.52235	1.0265	0.91234	0.36311	
10.21	1.1798	1.1736	0.63346	-0.22487	-0.88066	-0.91321	-0.30860	0.52458	1.0361	0.92221	0.36738	
10.22	1.1842	1.1863	0.64597	-0.22077	-0.88704	-0.92445	-0.31577	0.52689	1.0459	0.93237	0.37161	
10.23	1.1898	1.1992	0.65876	-0.21659	-0.89362	-0.93600	-0.32312	0.52931	1.0561	0.94284	0.37605	
10.24	1.1955	1.2125	0.67185	-0.21233	-0.90040	-0.94785	-0.33064	0.53182	1.0666	0.95362	0.38062	
10.25	1.2013	1.2261	0.68524	-0.20800	-0.90738	-0.96004	-0.33836	0.53444	1.0774	0.96472	0.38538	
10.26	1.2073	1.2400	0.69896	-0.20359	-0.91458	-0.97256	-0.34627	0.53716	1.0886	0.97616	0.39018	
10.27	1.2134	1.2542	0.71301	-0.19909	-0.92200	-0.98544	-0.35439	0.53999	1.1001	0.98796	0.39517	
10.28	1.2197	1.2688	0.72741	-0.19450	-0.92965	-0.99868	-0.36272	0.54293	1.1120	1.0001	0.40038	
10.29	1.2262	1.2838	0.74211	-0.18982	-0.93754	-1.0123	-0.37128	0.54599	1.1242	1.0127	0.40564	
10.30	1.2328	1.2992	0.75732	-0.18503	-0.94569	-1.0263	-0.38007	0.54918	1.1369	1.0256	0.41112	
10.31	1.2395	1.3149	0.77286	-0.18015	-0.95409	-1.0408	-0.38910	0.55249	1.1500	1.0390	0.41677	
10.32	1.2465	1.3311	0.78882	-0.17515	-0.96276	-1.0557	-0.39839	0.55593	1.1635	1.0528	0.42261	
10.33	1.2536	1.3478	0.80521	-0.17004	-0.97172	-1.0710	-0.40795	0.55951	1.1775	1.0670	0.42864	
10.34	1.2610	1.3649	0.82206	-0.16480	-0.98098	-1.0868	-0.41779	0.56324	1.1919	1.0817	0.43486	

TABLE 1 - VALUES OF THE COEFFICIENT c_s - CONTINUED

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
10.35	1.2685	1.8625	0.48939	-0.15944	-0.39054	-1.1681	-0.62732	0.56711	1.2668	1.0969	0.44189	
10.36	1.2763	1.9006	0.49722	-0.15895	-1.0004	-1.1200	-0.63837	0.57114	1.2228	1.1127	0.44795	
10.37	1.2843	1.9419	0.50557	-0.15831	-1.0107	-1.1374	-0.64913	0.57583	1.2883	1.1289	0.45483	
10.38	1.2925	1.9885	0.51448	-0.15753	-1.0212	-1.1553	-0.66024	0.57979	1.2548	1.1458	0.46195	
10.39	1.3010	1.9583	0.51397	-0.15659	-1.0322	-1.1789	-0.67170	0.58424	1.2720	1.1682	0.46932	
10.40	1.3098	1.9787	0.52406	-0.15548	-1.0436	-1.1981	-0.68353	0.58996	1.2898	1.1818	0.47696	
10.41	1.3188	1.9998	0.53480	-0.15420	-1.0553	-1.2180	-0.69576	0.59883	1.3082	1.2000	0.48487	
10.42	1.3281	1.9216	0.54620	-0.15274	-1.0675	-1.2385	-0.70841	0.59901	1.3273	1.2195	0.49308	
10.43	1.3377	1.9411	0.55838	-0.15110	-1.0801	-1.2548	-0.72150	0.60486	1.3472	1.2396	0.50159	
10.44	1.3471	1.9673	1.0212	-0.14921	-1.0938	-1.2769	-0.73504	0.60993	1.3678	1.2605	0.51043	
10.45	1.3580	1.9914	1.0449	-0.097129	-1.1049	-1.2998	-0.74908	0.61578	1.3892	1.2822	0.51940	
10.46	1.3686	1.6163	1.0694	-0.089815	-1.1210	-1.3236	-0.76363	0.62179	1.4115	1.3048	0.52914	
10.47	1.3797	1.6421	1.0947	-0.082257	-1.1357	-1.3483	-0.77878	0.62811	1.4347	1.3282	0.53906	
10.48	1.3911	1.6688	1.1211	-0.074439	-1.1511	-1.3739	-0.79440	0.63471	1.4588	1.3528	0.54938	
10.49	1.4030	1.6966	1.1484	-0.066346	-1.1670	-1.4006	-0.81069	0.64161	1.4839	1.3782	0.56013	
10.50	1.4153	1.7255	1.1767	-0.057959	-1.1836	-1.4284	-0.82763	0.64882	1.5101	1.4048	0.57138	
10.51	1.4281	1.7554	1.2062	-0.049251	-1.2009	-1.4573	-0.84526	0.65636	1.5374	1.4324	0.58301	
10.52	1.4414	1.7866	1.2369	-0.040281	-1.2189	-1.4874	-0.86362	0.66425	1.5660	1.4618	0.59520	
10.53	1.4552	1.8191	1.2689	-0.030846	-1.2378	-1.5189	-0.88277	0.67252	1.5958	1.4915	0.60794	
10.54	1.4697	1.8529	1.3022	-0.021083	-1.2575	-1.5517	-0.90275	0.68118	1.6269	1.5230	0.62126	
10.55	1.4847	1.8882	1.3369	-0.010915	-1.2781	-1.5861	-0.92362	0.69027	1.6596	1.5560	0.63519	
10.56	1.5004	1.9257	1.3732	-0.000818	-1.2997	-1.6220	-0.94545	0.69981	1.6938	1.5906	0.64979	
10.57	1.5169	1.9677	1.4111	-0.010753	-1.3223	-1.6596	-0.96830	0.70983	1.7296	1.6269	0.66509	
10.58	1.5340	2.0040	1.4508	0.022318	-1.3460	-1.6991	-0.99224	0.72037	1.7673	1.6649	0.68115	
10.59	1.5520	2.0463	1.4924	0.034420	-1.3709	-1.7405	-0.81736	0.73146	1.8068	1.7049	0.69803	
10.60	1.5709	2.0906	1.5361	0.047100	-1.3971	-1.7840	-0.84374	0.74316	1.8484	1.7470	0.71578	
10.61	1.5907	2.1372	1.5820	0.060404	-1.4247	-1.8298	-0.87150	0.75549	1.8923	1.7913	0.73448	
10.62	1.6116	2.1862	1.6302	0.074383	-1.4537	-1.8781	-0.90072	0.76851	1.9385	1.8380	0.75420	
10.63	1.6335	2.2378	1.6813	0.089093	-1.4844	-1.9290	-0.93154	0.78229	1.9873	1.8874	0.77502	
10.64	1.6567	2.2923	1.7347	0.10460	-1.5168	-1.9828	-0.96410	0.79688	2.0390	1.9396	0.79704	
10.65	1.6811	2.3498	1.7914	0.12096	-1.5511	-2.0397	-0.99854	0.81234	2.0936	1.9948	0.82036	
10.66	1.7070	2.4107	1.8514	0.13827	-1.5875	-2.1000	-1.0350	0.82877	2.1517	2.0534	0.84510	
10.67	1.7344	2.4752	1.9150	0.15661	-1.6262	-2.1641	-1.0738	0.84624	2.2133	2.1157	0.87138	
10.68	1.7635	2.5438	1.9826	0.17607	-1.6673	-2.2322	-1.1149	0.86486	2.2790	2.1820	0.89936	
10.69	1.7945	2.6168	2.0546	0.19678	-1.7111	-2.3048	-1.1588	0.88474	2.3490	2.2528	0.92920	

TABLE 1 - VALUES OF THE COEFFICIENT C_g - CONCLUDED

λ	RATIO λ/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
10.70	1.8275	2.6946	2.1314	0.21885	-1.7579	-2.8823	-1.2057	0.90600	2.4230	2.3283	0.96109
10.71	1.8623	2.7778	2.2134	0.24243	-1.8080	-2.4653	-1.2558	0.92878	2.5039	2.4098	0.99524
10.72	1.9006	2.8670	2.3014	0.26769	-1.8617	-2.5548	-1.3096	0.95826	2.5899	2.4962	1.0319
10.73	1.9412	2.9627	2.3859	0.29482	-1.9195	-2.6501	-1.3674	0.97963	2.6825	2.5897	1.0714
10.74	1.9849	3.0659	2.4777	0.32403	-1.9819	-2.7588	-1.4298	1.0081	2.7824	2.6906	1.1140
10.75	2.0322	3.1774	2.6077	0.35559	-2.0494	-2.8650	-1.4978	1.0389	2.8906	2.7998	1.1601
10.76	2.0834	3.2983	2.7271	0.38978	-2.1226	-2.9862	-1.5704	1.0724	3.0080	2.9184	1.2101
10.77	2.1390	3.4297	2.8568	0.42698	-2.2028	-3.1182	-1.6501	1.1089	3.1359	3.0476	1.2646
10.78	2.1998	3.5732	2.9986	0.46759	-2.2894	-3.2624	-1.7312	1.1488	3.2758	3.1889	1.3242
10.79	2.2664	3.7306	3.1541	0.51211	-2.3851	-3.4207	-1.8288	1.1927	3.4294	3.3440	1.3897
10.80	2.3398	3.9040	3.3253	0.56114	-2.4905	-3.5952	-1.9381	1.2411	3.5988	3.5151	1.4619
10.81	2.4210	4.0959	3.5149	0.61543	-2.6073	-3.7885	-2.0548	1.2947	3.7866	3.7047	1.5419
10.82	2.5113	4.3095	3.7260	0.67585	-2.7374	-4.0039	-2.1849	1.3546	3.9958	3.9161	1.6311
10.83	2.6125	4.5483	3.9625	0.74353	-2.8883	-4.2454	-2.3306	1.4216	4.2805	4.1531	1.7312
10.84	2.7266	4.8187	4.2293	0.81988	-3.0480	-4.5179	-2.4951	1.4974	4.6555	4.4237	1.8441
10.85	2.8563	5.1254	4.5326	0.90466	-3.2332	-4.8279	-2.6822	1.5886	5.0970	4.7252	1.9727
10.86	3.0051	5.4773	4.8806	1.0062	-3.4501	-5.1836	-2.8970	1.6826	5.5181	5.0748	2.1202
10.87	3.1774	5.8850	5.2887	1.1216	-3.6993	-5.5960	-3.1460	1.7975	5.9445	5.4802	2.2919
10.88	3.3793	6.3630	5.7565	1.2568	-3.9915	-6.0798	-3.4380	1.9322	6.0153	5.9560	2.4921
10.89	3.6195	6.9313	6.3187	1.4177	-4.3392	-6.6558	-3.7855	2.0925	6.5759	6.5220	2.7311
10.90	3.9096	7.6183	6.9983	1.6121	-4.7596	-7.3513	-4.2056	2.2865	7.2537	7.2067	3.0201
10.91	4.2675	8.4654	7.8365	1.8519	-5.2782	-8.2099	-4.7240	2.5258	8.0901	8.0515	3.3767
10.92	4.7198	9.5363	8.8962	2.1551	-5.9340	-9.2957	-5.3796	2.8285	9.1180	9.1202	3.8278
10.93	5.3097	10.933	10.279	2.5506	-6.7897	-10.713	-6.2350	3.2237	10.529	10.515	4.4166
10.94	6.1116	12.832	12.158	3.0884	-7.9582	-12.639	-7.3988	3.7610	12.406	12.412	5.2172
10.95	7.2648	15.564	14.861	3.8619	-9.6270	-15.411	-9.0718	4.5841	15.108	15.141	6.3693
10.96	9.0653	19.828	19.082	5.0697	-12.241	-19.739	-11.685	5.7415	19.327	19.463	8.1686
10.97	12.272	27.423	26.600	7.2208	-16.896	-27.448	-16.340	7.8922	26.848	26.995	11.874
10.98	19.585	44.747	43.748	12.128	-27.517	-45.036	-26.561	12.799	38.990	44.317	18.656
10.99	52.981	123.85	122.05	34.587	-76.017	-125.35	-75.460	35.208	122.29	123.42	52.080
11.00	-65.689	-157.25	-156.21	-45.093	96.329	160.06	96.886	-44.428	-155.97	-157.69	-66.590

TABLE II
VALUES OF THE COEFFICIENT C_M

Consider a simply supported, uniform bar, subjected at one end to an exciting moment $M(t) = M_0 \cos \omega t$. Moments are considered positive when producing compression in the upper fibers of the bar.

The steady-state moment at a distance \bar{x} , measured from the end where the exciting moment is applied, is

$$M(\bar{x}, t) = M_{\bar{x}} \cos \omega t, \quad \text{where} \quad M_{\bar{x}} = C_M M_0.$$

Tabulated herein are values of C_M for successive twelfth points of the bar as a function of the dimensionless parameter

$$\lambda = \sqrt{\frac{m\omega^2}{EI}} L$$

in which m is the mass per unit of length of the bar; ω is the circular frequency of vibration; E is the modulus of elasticity of the material in the bar; I is the moment of inertia of the bar cross section about its centroidal axis; and L is the span length of the bar.

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
0	0.91567	0.83333	0.75000	0.66667	0.58333	0.50000	0.41667	0.33333	0.25000	0.16667	0.08333	
0.50	0.91678	0.83355	0.75030	0.66703	0.58373	0.50041	0.41705	0.33368	0.25028	0.16686	0.08343	
0.60	0.91690	0.83378	0.75063	0.66742	0.58416	0.50084	0.41747	0.33405	0.25058	0.16707	0.08352	
0.70	0.91711	0.83417	0.75117	0.66807	0.58487	0.50157	0.41816	0.33465	0.25107	0.16742	0.08372	
0.80	0.91742	0.83476	0.75199	0.66906	0.58596	0.50268	0.41922	0.33559	0.25182	0.16795	0.08393	
0.90	0.91787	0.83568	0.75320	0.67052	0.58756	0.50430	0.42076	0.33656	0.25298	0.16872	0.08439	
1.00	0.91851	0.83684	0.75489	0.67256	0.58974	0.50658	0.42298	0.33888	0.25448	0.16981	0.08495	
1.10	0.91937	0.83850	0.75719	0.67588	0.59288	0.50968	0.42588	0.34149	0.25660	0.17130	0.08572	
1.20	0.92052	0.84069	0.76025	0.67901	0.59687	0.51379	0.42980	0.34497	0.25940	0.17327	0.08678	
1.30	0.92202	0.84355	0.76423	0.68301	0.60218	0.51916	0.43491	0.34949	0.26307	0.17584	0.08806	
1.40	0.92393	0.84721	0.76933	0.68996	0.60888	0.52604	0.44147	0.35530	0.26777	0.17914	0.08976	
1.50	0.92636	0.85185	0.77580	0.69775	0.61744	0.53417	0.44979	0.36268	0.27378	0.18388	0.09192	
1.55	0.92780	0.85460	0.77968	0.70288	0.62252	0.53895	0.45478	0.36706	0.27720	0.18582	0.09320	
1.60	0.92941	0.85767	0.78392	0.70755	0.62821	0.54576	0.46026	0.37196	0.28125	0.18861	0.09464	
1.65	0.93121	0.86111	0.78872	0.71384	0.63457	0.55224	0.46645	0.37745	0.28563	0.19173	0.09625	
1.70	0.93321	0.86495	0.79407	0.71980	0.64167	0.55949	0.47307	0.38359	0.29065	0.19522	0.09805	

TABLE 11 - VALUES OF THE COEFFICIENT C_M^1 - CONTINUED

λ	RATIO \bar{z}/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
1.75	0.93515	0.86322	0.80004	0.72701	0.64959	0.56759	0.48105	0.39044	0.29620	0.19912	0.10806	
1.80	0.93794	0.87400	0.80671	0.73506	0.65844	0.57668	0.48772	0.39818	0.30240	0.20848	0.10281	
1.85	0.94072	0.87982	0.81114	0.74408	0.66832	0.58672	0.49835	0.40665	0.30938	0.20885	0.10488	
1.90	0.94382	0.88525	0.82243	0.75405	0.67985	0.59800	0.51012	0.41621	0.31708	0.21880	0.10763	
1.95	0.94728	0.89108	0.83169	0.76525	0.69167	0.61061	0.52217	0.42691	0.32575	0.22989	0.11078	
2.00	0.95115	0.89928	0.84204	0.77777	0.70547	0.62472	0.53565	0.43889	0.33546	0.23679	0.11481	
2.02	0.95282	0.90248	0.84652	0.78319	0.71144	0.63082	0.54150	0.44409	0.33967	0.23969	0.11583	
2.04	0.95457	0.90583	0.85121	0.78887	0.71769	0.63728	0.54762	0.44952	0.34408	0.24274	0.11748	
2.06	0.95640	0.90984	0.85612	0.79481	0.72424	0.64398	0.55408	0.45527	0.34870	0.24604	0.11911	
2.08	0.95832	0.91302	0.86126	0.80108	0.73110	0.65096	0.56075	0.46126	0.35355	0.24945	0.12087	
2.10	0.96038	0.91686	0.86664	0.80755	0.73829	0.65882	0.56779	0.46746	0.35863	0.25302	0.12272	
2.12	0.96242	0.92090	0.87229	0.81439	0.74568	0.66604	0.57518	0.47408	0.36396	0.25678	0.12465	
2.14	0.96464	0.92512	0.87821	0.82156	0.75374	0.67415	0.58293	0.48098	0.36955	0.26071	0.12663	
2.16	0.96695	0.92956	0.88442	0.82908	0.76204	0.68266	0.59108	0.48817	0.37548	0.26485	0.12882	
2.18	0.96938	0.93421	0.89093	0.83698	0.77076	0.69159	0.59963	0.49578	0.38161	0.26920	0.13107	
2.20	0.97192	0.93910	0.89778	0.84528	0.77992	0.70098	0.60862	0.50879	0.38810	0.26377	0.13343	
2.22	0.97460	0.94424	0.90498	0.85400	0.78955	0.71086	0.61808	0.51221	0.39494	0.26858	0.13591	
2.24	0.97742	0.94964	0.91255	0.86318	0.79969	0.72126	0.62804	0.52137	0.40218	0.27365	0.13853	
2.26	0.98038	0.95532	0.92051	0.87284	0.81036	0.73220	0.63853	0.53040	0.40971	0.27899	0.14128	
2.28	0.98349	0.96180	0.92890	0.88302	0.82160	0.74374	0.64958	0.54025	0.41771	0.28462	0.14419	
2.30	0.98678	0.96760	0.93774	0.89375	0.83346	0.75591	0.66124	0.55063	0.42614	0.29056	0.14726	
2.32	0.97324	0.97425	0.94706	0.90507	0.84597	0.76875	0.67356	0.56160	0.43505	0.29684	0.15050	
2.34	0.99230	0.98127	0.95691	0.91702	0.85919	0.78282	0.68657	0.57820	0.44447	0.30347	0.15393	
2.36	0.99776	0.98869	0.96782	0.92966	0.87817	0.79668	0.70034	0.58547	0.45444	0.31050	0.15756	
2.38	1.0018	0.99653	0.97823	0.94304	0.88797	0.81188	0.71492	0.59846	0.46500	0.31794	0.16140	
2.40	1.0062	1.0048	0.99000	0.95721	0.90865	0.82800	0.73088	0.61225	0.47620	0.32589	0.16548	
2.42	1.0108	1.0187	1.0024	0.97225	0.92029	0.84510	0.74679	0.62688	0.48810	0.33422	0.16981	
2.44	1.0156	1.0280	1.0155	0.98822	0.93797	0.86327	0.76424	0.64244	0.50074	0.34313	0.17442	
2.46	1.0208	1.0329	1.0295	1.0052	0.95678	0.88261	0.78281	0.65900	0.51421	0.35262	0.17982	
2.48	1.0263	1.0485	1.0443	1.0233	0.97662	0.90822	0.80260	0.67665	0.52857	0.36275	0.18455	
2.50	1.0322	1.0548	1.0602	1.0426	0.99820	0.92522	0.82873	0.69551	0.54391	0.37356	0.19014	
2.52	1.0384	1.0669	1.0772	1.0632	1.0211	0.94875	0.84638	0.71568	0.56091	0.38518	0.19612	
2.54	1.0451	1.0798	1.0953	1.0853	1.0455	0.97895	0.87054	0.73729	0.57790	0.39754	0.20258	
2.56	1.0523	1.0936	1.1148	1.1090	1.0718	1.0010	0.89653	0.76050	0.59678	0.41086	0.20941	
2.58	1.0601	1.1085	1.1357	1.1345	1.1000	1.0301	0.92450	0.78547	0.61711	0.42519	0.21688	

TABLE 11 - VALUES OF THE COEFFICIENT C_M^1 - CONTINUED

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
2.60	1.0684	1.1245	1.1582	1.1619	1.1805	1.0614	0.95465	0.81243	0.68903	0.54066	0.22482	
2.62	1.0773	1.1417	1.1825	1.1915	1.1634	1.0958	0.98724	0.84151	0.68278	0.55788	0.28847	
2.64	1.0871	1.1604	1.2088	1.2236	1.1990	1.1820	1.0226	0.87387	0.68842	0.57552	0.24284	
2.66	1.0976	1.1807	1.2374	1.2585	1.2377	1.1719	1.0609	0.90787	0.71636	0.59523	0.25804	
2.68	1.1091	1.2008	1.2685	1.2964	1.2799	1.2154	1.1028	0.94479	0.74684	0.51674	0.26416	
2.70	1.1216	1.220	1.3026	1.3380	1.3260	1.2680	1.1486	0.98578	0.78819	0.54029	0.27638	
2.72	1.1354	1.2395	1.3399	1.3835	1.3766	1.3152	1.1989	1.0207	0.81683	0.56616	0.28371	
2.74	1.1505	1.2587	1.3811	1.4337	1.4324	1.3728	1.2544	1.0803	0.85726	0.59370	0.28448	
2.76	1.1672	1.2749	1.4266	1.4893	1.4942	1.4366	1.3158	1.1358	0.90205	0.62634	0.32084	
2.78	1.1855	1.2909	1.4772	1.5512	1.5680	1.5076	1.3842	1.1965	0.95195	0.66158	0.33907	
2.80	1.2067	1.30910	1.5339	1.6204	1.6400	1.5871	1.4609	1.2651	1.0079	0.70106	0.35949	
2.82	1.2280	1.3352	1.5977	1.6983	1.7267	1.6767	1.5472	1.3424	1.0709	0.74558	0.38252	
2.84	1.2567	1.3675	1.6700	1.7867	1.8251	1.7784	1.6352	1.4301	1.1424	0.79612	0.40867	
2.86	1.2871	1.4051	1.7528	1.8879	1.9377	1.8947	1.7574	1.5305	1.2243	0.85339	0.43861	
2.88	1.3221	1.4487	1.8482	2.0046	2.0677	2.0290	1.8870	1.6465	1.3190	0.92086	0.47821	
2.90	1.3630	1.4926	1.9596	2.1408	2.2193	2.1858	2.0382	1.7820	1.4295	0.99896	0.51362	
2.91	1.3751	1.5038	2.0226	2.2178	2.3051	2.2745	2.1238	1.8586	1.4920	1.0481	0.53648	
2.92	1.3818	1.5118	2.0912	2.3017	2.3986	2.3712	2.2171	1.9422	1.5602	1.0913	0.56142	
2.93	1.3888	1.5199	2.1664	2.3937	2.5011	2.4771	2.3198	2.0388	1.6349	1.1441	0.58875	
2.94	1.3952	1.5275	2.2490	2.4948	2.6187	2.5986	2.4318	2.1345	1.7171	1.2022	0.61881	
2.95	1.5026	1.5621	2.3404	2.6065	2.7382	2.7224	2.5560	2.2459	1.8080	1.2665	0.65204	
2.96	1.5398	2.0338	2.4418	2.7306	2.8765	2.8654	2.6341	2.3695	1.9089	1.3378	0.68837	
2.97	1.5813	2.1140	2.5550	2.8692	3.0309	3.0252	2.8483	2.5077	2.0217	1.4175	0.73022	
2.98	1.6280	2.2041	2.6823	3.0250	3.2045	3.2048	3.0217	2.6631	2.1435	1.5072	0.77662	
2.99	1.6808	2.3060	2.8264	3.2014	3.4012	3.4082	3.2181	2.8391	2.2921	1.6087	0.82917	
3.00	1.7410	2.4224	2.9909	3.4027	3.6256	3.6405	3.4428	3.0401	2.4561	1.7247	0.88918	
3.01	1.8105	2.5565	3.1845	3.6348	3.8848	3.9081	3.7007	3.2717	2.6452	1.8588	0.95816	
3.02	1.8913	2.7127	3.4012	3.9050	4.1956	4.2199	4.0018	3.5415	2.8655	2.0140	1.0390	
3.03	1.9867	2.8968	3.6616	4.2288	4.5410	4.5877	4.3569	3.8598	3.1253	2.1978	1.1340	
3.04	2.1008	3.1173	3.9788	4.6054	4.9665	5.0281	4.7822	4.2410	3.4365	2.4177	1.2479	
3.05	2.2399	3.3859	4.2530	5.0704	5.4850	5.5648	5.3004	4.7056	3.8158	2.6853	1.3867	
3.06	2.4131	3.7204	4.6260	5.6495	6.1807	6.2881	5.9459	5.2842	4.2881	3.0159	1.5596	
3.07	2.6346	4.1688	5.4310	6.3504	6.9569	7.0884	6.7719	6.0247	4.8927	3.4473	1.7808	
3.08	2.9281	4.7152	6.2826	7.3720	8.0517	8.2216	7.8664	7.0059	5.6988	4.0188	2.0740	
3.09	3.3358	5.5018	7.4451	8.7843	9.5710	9.7944	9.3855	8.4678	6.8057	4.8000	2.4810	

TABLE II - VALUES OF THE COEFFICIENT C_M^1 - CONTINUED

λ	RATIO λ/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
3.10	3.5384	6.6668	8.9925	10.752	11.821	12.124	11.635	10.885	8.4526	5.9635	3.0888
3.11	4.9232	8.5698	11.688	14.047	15.496	15.928	15.310	13.679	11.162	7.8463	4.0688
3.12	6.8202	12.284	16.866	20.894	22.575	23.257	22.389	20.026	16.325	11.591	5.9651
3.13	11.990	22.221	30.590	37.692	41.869	43.231	41.682	37.324	30.448	21.518	11.135
3.14	82.081	157.63	222.43	272.22	308.45	314.04	308.26	271.85	221.94	156.92	81.225
3.15	-14.565	-29.080	-41.562	-51.165	-57.288	-59.378	-57.426	-51.584	-42.104	-29.705	-15.421
3.16	-6.2032	-12.926	-18.716	-23.185	-26.081	-27.065	-26.219	-28.555	-19.259	-18.681	-7.0596
3.17	-3.7284	-8.1446	-11.955	-14.904	-16.795	-17.508	-16.988	-15.274	-12.499	-8.8505	-4.5851
3.18	-2.5323	-5.8532	-8.7148	-10.986	-12.869	-12.921	-12.557	-11.807	-9.2589	-6.5597	-3.3998
3.19	-1.8462	-4.5086	-6.8128	-8.6068	-9.7721	-10.288	-9.9604	-8.9789	-7.3580	-5.2156	-2.7035
3.20	-1.3885	-3.6248	-5.5625	-7.0756	-8.0644	-8.4648	-8.2580	-7.4476	-6.1002	-4.3319	-2.2461
3.21	-1.0645	-2.9986	-4.6777	-5.9921	-6.8561	-7.2140	-7.0450	-6.3646	-5.2240	-3.7067	-1.9225
3.22	-0.82322	-2.5825	-4.0186	-5.1851	-5.9561	-6.2825	-6.1458	-5.5581	-4.5636	-3.2412	-1.6316
3.23	-0.68650	-2.1719	-3.5087	-4.5607	-5.2599	-5.5618	-5.4494	-4.942	-4.0548	-2.8811	-1.4952
3.24	-0.48771	-1.8845	-3.1024	-4.0632	-4.7952	-4.9878	-4.8950	-4.4378	-3.6506	-2.5949	-1.3467
3.25	-0.36686	-1.6501	-2.7710	-3.6576	-4.2529	-4.5197	-4.4481	-4.0322	-3.3199	-2.3405	-1.2257
3.26	-0.26550	-1.4558	-2.4957	-3.3205	-3.8772	-4.1808	-4.0676	-3.6957	-3.0452	-2.1252	-1.1252
3.27	-0.18034	-1.2509	-2.2632	-3.0360	-3.5600	-3.8616	-3.7507	-3.4117	-2.8194	-2.0324	-1.0404
3.28	-0.10747	-1.1502	-2.0644	-2.7926	-3.2887	-3.5219	-3.4737	-3.1689	-2.6158	-1.8628	-0.96787
3.29	-0.044419	-1.0284	-1.8923	-2.5820	-3.0540	-3.2792	-3.2454	-2.9589	-2.4485	-1.7412	-0.90517
3.30	0.010685	-0.92205	-1.7420	-2.3980	-2.8490	-3.0671	-3.0407	-2.7755	-2.2942	-1.6354	-0.85043
3.31	0.059259	-0.82829	-1.6095	-2.2869	-2.6604	-2.8808	-2.8605	-2.6140	-2.1624	-1.5422	-0.80222
3.32	0.10239	-0.74502	-1.4919	-2.0921	-2.5081	-2.7145	-2.7005	-2.4707	-2.0455	-1.4596	-0.75946
3.33	0.14095	-0.67059	-1.3867	-1.9635	-2.3648	-2.5664	-2.5576	-2.3427	-1.9411	-1.3858	-0.72127
3.34	0.17564	-0.60365	-1.2922	-1.8478	-2.2361	-2.4338	-2.4292	-2.2277	-1.8472	-1.3195	-0.68696
3.35	0.20700	-0.54312	-1.2067	-1.7433	-2.1197	-2.3190	-2.3181	-2.1238	-1.7625	-1.2596	-0.65597
3.36	0.23551	-0.48813	-1.1291	-1.6481	-2.0140	-2.2088	-2.2078	-2.0295	-1.6856	-1.2058	-0.62785
3.37	0.26152	-0.43794	-1.0582	-1.5618	-1.9176	-2.1042	-2.1118	-1.9435	-1.6155	-1.1557	-0.60223
3.38	0.28537	-0.39194	-0.99331	-1.4825	-1.8294	-2.0130	-2.0238	-1.8648	-1.5518	-1.1104	-0.57878
3.39	0.30730	-0.34964	-0.93362	-1.4096	-1.7482	-1.9292	-1.9431	-1.7925	-1.4923	-1.0688	-0.55724
3.40	0.32755	-0.31060	-0.87854	-1.3423	-1.6704	-1.8515	-1.8686	-1.7259	-1.4380	-1.0304	-0.53740
3.41	0.34670	-0.24090	-0.76024	-1.2223	-1.5899	-1.7142	-1.7359	-1.6072	-1.3418	-0.96208	-0.50206
3.42	0.36505	-0.18050	-0.69509	-1.1188	-1.4215	-1.5950	-1.6212	-1.5446	-1.2977	-0.90009	-0.47155
3.43	0.38249	-0.12763	-0.63061	-1.0275	-1.3236	-1.4910	-1.5211	-1.4451	-1.1949	-0.85166	-0.44496
3.44	0.40678	-0.080965	-0.55491	-0.94748	-1.2387	-1.3994	-1.4380	-1.3804	-1.1208	-0.80647	-0.42160

TABLE 11 - VALUES OF THE COEFFICIENT C_M^I - CONTINUED

λ	RATIO E/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
3.50	0.46880	-0.039454	-0.49650	-0.87680	-1.1558	-1.3182	-1.3549	-1.2667	-1.0041	-0.76046	-0.40059	
3.52	0.48768	-0.002280	-0.44428	-0.81268	-1.0853	-1.2457	-1.2853	-1.2046	-1.0105	-0.78088	-0.50251	
3.54	0.50505	0.031216	-0.39716	-0.75546	-1.0220	-1.1806	-1.2228	-1.1489	-0.96825	-0.69651	-0.84602	
3.56	0.52085	0.061564	-0.35456	-0.70871	-0.96472	-1.1218	-1.1664	-1.0946	-0.92715	-0.67017	-0.85118	
3.58	0.53524	0.089200	-0.31580	-0.65667	-0.91275	-1.0685	-1.1153	-1.0532	-0.89054	-0.64418	-0.83776	
3.60	0.54842	0.11448	-0.28037	-0.61378	-0.86536	-1.0199	-1.0688	-1.0118	-0.85701	-0.62058	-0.82558	
3.62	0.56071	0.13770	-0.24786	-0.57487	-0.82197	-0.97548	-1.0264	-0.97410	-0.82648	-0.59907	-0.81448	
3.64	0.57171	0.15912	-0.21791	-0.53815	-0.78210	-0.93471	-0.98746	-0.93956	-0.79441	-0.57941	-0.80434	
3.66	0.58207	0.17895	-0.19022	-0.50471	-0.74533	-0.89718	-0.95167	-0.90782	-0.77278	-0.56137	-0.79505	
3.68	0.59170	0.19736	-0.16454	-0.47378	-0.71188	-0.86252	-0.91866	-0.87860	-0.74915	-0.54479	-0.78550	
3.70	0.60068	0.21452	-0.14064	-0.44495	-0.67979	-0.83042	-0.88814	-0.85161	-0.72736	-0.52351	-0.77868	
3.72	0.60909	0.23055	-0.11883	-0.41814	-0.65046	-0.80062	-0.85985	-0.82662	-0.70721	-0.51540	-0.77137	
3.74	0.61697	0.24558	-0.09740	-0.39309	-0.62310	-0.77288	-0.83084	-0.80054	-0.68854	-0.50283	-0.76465	
3.76	0.62483	0.25970	-0.077878	-0.36964	-0.59754	-0.74700	-0.80908	-0.78190	-0.67122	-0.49021	-0.75842	
3.78	0.63157	0.27300	-0.05942	-0.34762	-0.57359	-0.72281	-0.78624	-0.76183	-0.65510	-0.47896	-0.75264	
3.80	0.63793	0.28556	-0.042102	-0.32690	-0.55111	-0.70015	-0.76490	-0.74812	-0.64010	-0.46850	-0.74726	
3.82	0.64425	0.29745	-0.025701	-0.30738	-0.52996	-0.67889	-0.74422	-0.72563	-0.62611	-0.45875	-0.74227	
3.84	0.65020	0.30872	-0.010173	-0.28893	-0.51004	-0.65891	-0.72619	-0.70928	-0.61305	-0.44966	-0.73761	
3.86	0.65587	0.31944	0.004559	-0.27147	-0.49123	-0.64010	-0.70860	-0.69396	-0.60083	-0.44118	-0.73327	
3.88	0.66127	0.32965	0.018562	-0.25732	-0.47345	-0.62287	-0.69207	-0.67959	-0.58941	-0.43326	-0.72922	
3.90	0.66644	0.33939	0.031897	-0.24320	-0.45660	-0.60562	-0.67650	-0.66611	-0.57871	-0.42586	-0.72544	
3.92	0.67139	0.34871	0.044621	-0.22424	-0.44063	-0.58979	-0.66183	-0.65343	-0.56868	-0.41893	-0.72191	
3.94	0.67618	0.35764	0.056781	-0.20996	-0.42545	-0.57480	-0.64798	-0.64152	-0.55928	-0.41245	-0.71861	
3.96	0.68070	0.36620	0.068423	-0.19637	-0.41101	-0.56059	-0.63491	-0.63030	-0.55046	-0.40639	-0.71552	
3.98	0.68509	0.37444	0.079587	-0.18336	-0.39726	-0.54711	-0.62256	-0.61974	-0.54218	-0.40071	-0.71264	
4.00	0.68933	0.38237	0.090311	-0.17090	-0.38414	-0.53430	-0.61087	-0.60980	-0.53441	-0.39540	-0.70995	
4.02	0.69343	0.39002	0.10063	-0.15896	-0.37161	-0.52212	-0.59980	-0.60042	-0.52711	-0.39043	-0.70743	
4.04	0.69740	0.39741	0.11057	-0.14749	-0.35968	-0.51053	-0.58982	-0.59152	-0.52026	-0.38578	-0.70509	
4.06	0.70124	0.40457	0.12016	-0.13617	-0.34817	-0.49948	-0.57939	-0.58324	-0.51383	-0.38143	-0.70290	
4.08	0.70498	0.41150	0.12943	-0.12565	-0.33717	-0.48895	-0.56996	-0.57597	-0.50780	-0.37786	-0.70086	
4.10	0.70861	0.41823	0.13840	-0.11562	-0.32663	-0.47890	-0.56102	-0.56796	-0.50214	-0.37357	-0.69896	
4.12	0.71215	0.42478	0.14710	-0.10574	-0.31649	-0.46929	-0.55253	-0.56096	-0.49683	-0.37008	-0.69719	
4.14	0.71560	0.43115	0.15554	-0.096113	-0.30675	-0.46011	-0.54447	-0.55346	-0.49186	-0.36673	-0.69556	
4.16	0.71897	0.43736	0.16374	-0.086917	-0.29787	-0.45183	-0.53882	-0.54814	-0.48721	-0.36367	-0.69404	
4.18	0.72228	0.44343	0.17173	-0.077942	-0.28888	-0.44293	-0.52954	-0.54228	-0.48287	-0.36083	-0.69264	

TABLE 11 - VALUES OF THE COEFFICIENT C_H - CONTINUED

λ	RATIO λ/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
1.20	0.72551	0.44936	0.17951	-0.069304	-0.27961	-0.49488	-0.52263	-0.53676	-0.47881	-0.35819	-0.19185	
1.22	0.72868	0.45517	0.18710	-0.060864	-0.27119	-0.49716	-0.51607	-0.53157	-0.47503	-0.35576	-0.19017	
1.24	0.73180	0.46086	0.19452	-0.052656	-0.26305	-0.49976	-0.50983	-0.52669	-0.47152	-0.35358	-0.18909	
1.26	0.73487	0.46645	0.20179	-0.044664	-0.25518	-0.49265	-0.50390	-0.52210	-0.46826	-0.35148	-0.18811	
1.28	0.73790	0.47155	0.20890	-0.036872	-0.24755	-0.48583	-0.49827	-0.51780	-0.46525	-0.34961	-0.18723	
1.30	0.74088	0.47736	0.21588	-0.029266	-0.24016	-0.47928	-0.49292	-0.51877	-0.46247	-0.34791	-0.18644	
1.32	0.74383	0.48270	0.22273	-0.021884	-0.23299	-0.47298	-0.48784	-0.51001	-0.45992	-0.34638	-0.18573	
1.34	0.74674	0.48796	0.22947	-0.014563	-0.22602	-0.46692	-0.48002	-0.50650	-0.45760	-0.34502	-0.18512	
1.36	0.74963	0.49317	0.23611	-0.007441	-0.21925	-0.46109	-0.47845	-0.50323	-0.45548	-0.34381	-0.18458	
1.38	0.75249	0.49832	0.24266	-0.000456	-0.21265	-0.45548	-0.47411	-0.50019	-0.45357	-0.34276	-0.18418	
1.40	0.75534	0.50342	0.24912	-0.006401	-0.20623	-0.45008	-0.47001	-0.49789	-0.45187	-0.34186	-0.18377	
1.42	0.75816	0.50848	0.25550	0.01741	-0.19997	-0.44487	-0.46612	-0.49480	-0.45086	-0.34111	-0.18348	
1.44	0.76097	0.51350	0.26182	0.015774	-0.19387	-0.43986	-0.46245	-0.49218	-0.44904	-0.34050	-0.18326	
1.46	0.76377	0.51850	0.26808	0.026809	-0.18790	-0.43502	-0.45898	-0.49027	-0.44791	-0.34003	-0.18313	
1.48	0.76657	0.52347	0.27429	0.032755	-0.18206	-0.43036	-0.45571	-0.48881	-0.44696	-0.33971	-0.18307	
1.50	0.76936	0.52843	0.28046	0.039120	-0.17685	-0.42586	-0.45264	-0.48655	-0.44620	-0.33952	-0.18308	
1.52	0.77215	0.53338	0.28653	0.045413	-0.17076	-0.42152	-0.44975	-0.48439	-0.44561	-0.33946	-0.18317	
1.54	0.77494	0.53832	0.29270	0.051642	-0.16527	-0.41732	-0.44704	-0.48232	-0.44520	-0.33954	-0.18338	
1.56	0.77774	0.54326	0.29878	0.057814	-0.15988	-0.41528	-0.44450	-0.48038	-0.44496	-0.33976	-0.18356	
1.58	0.78054	0.54820	0.30485	0.063987	-0.15459	-0.41337	-0.44214	-0.47848	-0.44489	-0.34011	-0.18387	
1.60	0.78336	0.55316	0.31091	0.070019	-0.14939	-0.41159	-0.43995	-0.47662	-0.44500	-0.34059	-0.18425	
1.62	0.78619	0.55813	0.31697	0.076066	-0.14426	-0.40994	-0.43791	-0.47498	-0.44527	-0.34120	-0.18470	
1.64	0.78903	0.56312	0.32304	0.082086	-0.13921	-0.40841	-0.43604	-0.47352	-0.44571	-0.34194	-0.18522	
1.66	0.79190	0.56814	0.32912	0.088085	-0.13422	-0.40690	-0.43433	-0.47224	-0.44633	-0.34282	-0.18581	
1.68	0.79479	0.57319	0.33522	0.094071	-0.12930	-0.40541	-0.43277	-0.47113	-0.44711	-0.34383	-0.18648	
1.70	0.79770	0.57820	0.34134	0.10005	-0.12443	-0.40391	-0.43136	-0.47020	-0.44806	-0.34497	-0.18722	
1.72	0.80065	0.58324	0.34750	0.10608	-0.11961	-0.40242	-0.43000	-0.46944	-0.44918	-0.34625	-0.18804	
1.74	0.80362	0.58831	0.35370	0.11202	-0.11484	-0.40094	-0.42900	-0.46866	-0.45047	-0.34767	-0.18893	
1.76	0.80663	0.59342	0.35995	0.11802	-0.11010	-0.40000	-0.42804	-0.46805	-0.45194	-0.34922	-0.18990	
1.78	0.80968	0.59911	0.36625	0.12404	-0.10589	-0.39955	-0.42722	-0.46821	-0.45357	-0.35091	-0.19095	
1.80	0.81277	0.60446	0.37261	0.13009	-0.10072	-0.39904	-0.42655	-0.46816	-0.45589	-0.35275	-0.19208	
1.84	0.81908	0.61539	0.38554	0.14229	-0.091421	-0.39889	-0.42564	-0.46840	-0.45956	-0.35686	-0.19458	
1.88	0.82559	0.62664	0.39880	0.15470	-0.082168	-0.39905	-0.42580	-0.46874	-0.46448	-0.36157	-0.19741	
1.92	0.83235	0.63828	0.41245	0.16795	-0.072913	-0.39952	-0.42554	-0.46914	-0.47017	-0.36692	-0.20060	
1.96	0.83936	0.65036	0.42656	0.18203	-0.063611	-0.39957	-0.42536	-0.46962	-0.47667	-0.37298	-0.20417	

TABLE 11 - VALUES OF THE COEFFICIENT C_M^1 - CONTINUED

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
5.00	0.84668	0.66294	0.44120	0.19869	-0.054216	-0.27129	-0.42778	-0.50182	-0.48402	-0.37965	-0.20814	
5.04	0.85434	0.67608	0.45496	0.20750	-0.044679	-0.26755	-0.42981	-0.50818	-0.49229	-0.38714	-0.21253	
5.08	0.86238	0.68987	0.47241	0.22185	-0.034948	-0.26405	-0.43248	-0.51544	-0.50154	-0.39543	-0.21739	
5.12	0.87085	0.70437	0.48915	0.23682	-0.024966	-0.26077	-0.43582	-0.52368	-0.51184	-0.40462	-0.22276	
5.16	0.87960	0.71969	0.50679	0.25251	-0.014674	-0.25770	-0.43987	-0.53296	-0.52328	-0.41476	-0.22867	
5.20	0.88929	0.73593	0.52546	0.26902	-0.004002	-0.25482	-0.44466	-0.54388	-0.53597	-0.42596	-0.23518	
5.24	0.89425	0.74449	0.53522	0.27762	-0.001498	-0.25345	-0.44736	-0.54904	-0.54281	-0.43198	-0.23868	
5.28	0.89938	0.75321	0.54529	0.28648	0.007122	-0.25211	-0.45026	-0.55503	-0.55002	-0.43831	-0.24235	
5.32	0.90469	0.76227	0.55569	0.29561	0.012881	-0.25086	-0.45338	-0.56136	-0.55760	-0.44497	-0.24621	
5.36	0.91017	0.77165	0.56644	0.30502	0.018785	-0.24967	-0.45673	-0.56804	-0.56558	-0.45196	-0.25026	
5.40	0.91585	0.78137	0.57756	0.31475	0.024848	-0.24843	-0.46032	-0.57510	-0.57399	-0.45930	-0.25452	
5.44	0.92174	0.79143	0.58909	0.32481	0.031083	-0.24728	-0.46415	-0.58256	-0.58283	-0.46708	-0.25899	
5.48	0.92785	0.80188	0.60104	0.33523	0.037504	-0.24617	-0.46825	-0.59048	-0.59214	-0.47516	-0.26370	
5.52	0.93419	0.81273	0.61345	0.34604	0.044126	-0.24510	-0.47262	-0.59875	-0.60195	-0.48371	-0.26864	
5.56	0.94079	0.82401	0.62635	0.35725	0.050967	-0.24407	-0.47728	-0.60753	-0.61229	-0.49271	-0.27385	
5.60	0.94765	0.83575	0.63978	0.36891	0.058044	-0.24307	-0.48225	-0.61682	-0.62319	-0.50220	-0.27933	
5.64	0.95481	0.84799	0.65377	0.38105	0.065377	-0.24212	-0.48754	-0.62663	-0.63470	-0.51220	-0.28511	
5.68	0.96227	0.86076	0.66837	0.39369	0.072987	-0.24120	-0.49317	-0.63701	-0.64684	-0.52275	-0.29121	
5.72	0.97007	0.87411	0.68362	0.40689	0.080899	-0.24031	-0.49917	-0.64799	-0.65966	-0.53888	-0.29764	
5.76	0.97822	0.88807	0.69957	0.42069	0.089137	-0.23946	-0.50557	-0.65962	-0.67322	-0.55455	-0.30443	
5.80	0.98676	0.90269	0.71628	0.43513	0.097730	-0.23864	-0.51237	-0.67194	-0.68757	-0.55810	-0.31162	
5.84	0.99572	0.91803	0.73382	0.45027	0.10671	-0.23786	-0.51963	-0.68501	-0.70277	-0.57127	-0.31922	
5.88	1.0051	0.93415	0.75223	0.46617	0.11611	-0.23710	-0.52737	-0.69887	-0.71888	-0.58528	-0.32728	
5.92	1.0150	0.95110	0.77162	0.48289	0.12596	-0.23638	-0.53562	-0.71361	-0.73598	-0.60005	-0.33583	
5.96	1.0255	0.96897	0.79204	0.50050	0.13632	-0.23570	-0.54443	-0.72928	-0.75415	-0.61579	-0.34491	
6.00	1.0365	0.98784	0.81351	0.51909	0.14722	-0.23504	-0.55384	-0.74597	-0.77349	-0.63253	-0.35457	
6.04	1.0481	1.0078	0.83642	0.53875	0.15873	-0.23441	-0.56391	-0.76377	-0.79410	-0.65037	-0.36486	
6.08	1.0604	1.0289	0.86060	0.55957	0.17085	-0.23381	-0.57469	-0.78278	-0.81609	-0.66989	-0.37583	
6.12	1.0735	1.0514	0.88627	0.58168	0.18378	-0.23324	-0.58625	-0.80311	-0.83959	-0.68979	-0.38756	
6.16	1.0874	1.0752	0.91359	0.60521	0.19747	-0.23270	-0.59866	-0.82489	-0.86477	-0.71151	-0.40012	
6.20	1.1022	1.1007	0.94272	0.63029	0.21204	-0.23219	-0.61201	-0.84827	-0.89177	-0.73487	-0.41359	
6.24	1.1180	1.1279	0.97366	0.65710	0.22760	-0.23171	-0.62633	-0.87391	-0.92081	-0.75998	-0.42808	
6.28	1.1350	1.1570	1.0072	0.68584	0.24426	-0.23125	-0.64192	-0.90052	-0.95210	-0.78704	-0.44368	
6.32	1.1532	1.1883	1.0431	0.71673	0.26214	-0.23083	-0.65872	-0.92980	-0.98589	-0.81627	-0.46054	
6.36	1.1728	1.2220	1.0813	0.75002	0.28189	-0.23042	-0.67695	-0.96158	-1.0225	-0.84792	-0.47879	

TABLE 11 - VALUES OF THE COEFFICIENT C_H - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
5.80	1.1940	1.2585	1.1286	0.78602	0.30219	-0.21005	-0.69677	-0.99599	-1.0622	-0.88250	-0.49862
5.82	1.2169	1.2980	1.1689	0.82508	0.32474	-0.22970	-0.71839	-1.0335	-1.1056	-0.91975	-0.52022
5.84	1.2419	1.3410	1.2188	0.86762	0.34929	-0.22988	-0.74204	-1.0746	-1.1529	-0.96070	-0.54384
5.86	1.2652	1.3881	1.2722	0.91412	0.37612	-0.22908	-0.76808	-1.1197	-1.2049	-1.0056	-0.56976
5.88	1.2991	1.4397	1.3315	0.96520	0.40557	-0.22881	-0.79668	-1.1698	-1.2621	-1.0552	-0.59838
5.90	1.3321	1.4966	1.3969	1.0216	0.43805	-0.22856	-0.82841	-1.2248	-1.3255	-1.1100	-0.62995
5.92	1.3687	1.5596	1.4624	1.0841	0.47408	-0.22834	-0.86372	-1.2855	-1.3961	-1.1710	-0.66514
5.94	1.4095	1.6300	1.5302	1.1588	0.51427	-0.22814	-0.90325	-1.3539	-1.4750	-1.2392	-0.70451
5.96	1.4552	1.7089	1.6410	1.2322	0.55941	-0.22797	-0.94776	-1.4309	-1.5688	-1.3161	-0.74885
5.98	1.5069	1.7981	1.7487	1.3208	0.61047	-0.22782	-0.99823	-1.5188	-1.6645	-1.4082	-0.79913
6.00	1.5650	1.8999	1.8608	1.4219	0.66871	-0.22770	-1.0559	-1.6182	-1.7797	-1.5029	-0.85662
6.02	1.6335	2.0169	1.9956	1.5383	0.73579	-0.22759	-1.1225	-1.7333	-1.9126	-1.6178	-0.92295
6.04	1.7123	2.1531	2.1525	1.6788	0.81888	-0.22752	-1.2001	-1.8677	-2.0675	-1.7519	-1.0008
6.06	1.8052	2.3136	2.3373	1.8336	0.90595	-0.22746	-1.2918	-2.0262	-2.2504	-1.9102	-1.0917
6.08	1.9169	2.5054	2.5585	2.0248	1.0161	-0.22748	-1.4016	-2.2163	-2.4696	-2.0999	-1.2012
6.10	2.0511	2.7390	2.8277	2.2576	1.1504	-0.22748	-1.5355	-2.4400	-2.7378	-2.3314	-1.3498
6.12	2.2191	3.0296	3.1629	2.5475	1.3175	-0.22744	-1.7024	-2.7367	-3.0702	-2.6198	-1.5013
6.14	2.3195	3.2033	3.3632	2.7208	1.4175	-0.22746	-1.8022	-2.9055	-3.2924	-2.7924	-1.6009
6.16	2.4388	3.4012	3.5315	2.9189	1.5314	-0.22748	-1.9160	-3.1064	-3.4969	-2.9892	-1.7145
6.18	2.5652	3.6287	3.8540	3.1354	1.6624	-0.22751	-2.0469	-3.3390	-3.7585	-3.2157	-1.8452
6.20	2.7180	3.8781	4.1590	3.3804	1.8147	-0.22754	-2.1991	-3.5965	-4.0626	-3.4790	-1.9972
6.22	2.8976	4.2041	4.5180	3.7200	1.9989	-0.22758	-2.3732	-3.9066	-4.4205	-3.7889	-2.1761
6.24	3.1121	4.5753	4.9464	4.0908	2.2079	-0.22768	-2.5921	-4.2769	-4.8480	-4.1590	-2.3898
6.26	3.3724	5.0261	5.4667	4.5412	2.4678	-0.22768	-2.8519	-4.7268	-5.3673	-4.6087	-2.6494
6.28	3.6953	5.5052	6.1120	5.0999	2.7902	-0.22774	-3.1742	-5.2049	-5.9117	-5.1667	-2.9715
6.30	4.1063	6.2969	6.9386	5.8112	3.2008	-0.22780	-3.5847	-5.7957	-6.8824	-5.8778	-3.3818
6.32	4.6178	7.2388	8.0152	6.7477	3.7418	-0.22787	-4.1252	-6.9817	-7.9180	-6.8131	-3.9220
6.34	5.3916	8.5228	9.5034	8.0368	4.4851	-0.22794	-4.8650	-8.2198	-9.4002	-8.1010	-4.6655
6.36	6.4805	10.409	11.681	9.9216	5.5784	-0.22802	-5.9573	-10.105	-11.577	-9.9856	-5.7536
6.38	8.2253	13.431	15.170	12.943	7.3178	-0.22811	-7.7016	-18.126	-15.065	-18.006	-7.4977
6.40	11.475	19.059	21.661	18.571	10.567	-0.22820	-10.951	-18.758	-21.548	-18.694	-10.747
6.42	19.458	33.224	36.025	32.785	18.745	-0.22830	-19.128	-32.917	-37.918	-32.797	-18.924
6.44	33.178	58.32	65.07	58.84	33.269	-0.22840	-33.658	-58.02	-68.97	-58.90	-33.448
6.46	58.932	108.157	123.267	108.646	60.902	-0.22851	68.519	108.65	123.976	108.585	60.728

TABLE 11 - VALUES OF THE COEFFICIENT C_M^1 - CONTINUED

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
6.30	-15.174	-25.367	-25.631	-25.957	-15.084	-0.22862	14.700	25.617	29.741	25.757	14.506	
6.31	-8.6291	-15.768	-18.542	-16.258	-9.5898	-0.22674	9.1559	16.074	18.658	16.194	9.8614	
6.32	-6.0962	-11.876	-13.476	-11.867	-7.0075	-0.22887	6.6285	11.688	18.588	11.808	6.8294	
6.33	-4.6452	-8.8634	-10.375	-9.8545	-5.5571	-0.22900	5.1781	9.1756	10.688	9.2965	5.8792	
6.34	-3.7049	-7.2849	-8.6948	-7.7264	-4.6178	-0.22914	4.2382	7.1480	8.6885	7.6652	4.8397	
6.35	-3.0459	-6.0937	-7.3778	-6.5857	-3.9589	-0.22928	3.5747	6.4078	7.4920	6.5291	3.7815	
6.36	-2.5184	-5.2495	-6.4028	-5.7420	-3.4720	-0.22943	3.0877	5.5645	6.5184	5.6861	3.2948	
6.37	-2.1031	-4.5996	-5.6527	-5.0527	-3.0978	-0.22958	2.7129	4.9156	5.7698	5.0874	2.9209	
6.38	-1.8853	-4.0839	-5.0575	-4.5775	-2.8000	-0.22974	2.4156	4.4008	5.1751	4.5229	2.6238	
6.39	-1.6431	-3.6647	-4.5737	-4.1587	-2.5584	-0.22991	2.1739	3.9825	4.6322	4.1048	2.3820	
6.40	-1.4428	-3.3171	-4.1726	-3.8117	-2.3583	-0.23008	1.9746	3.6359	4.2922	3.7585	2.1820	
6.41	-1.2732	-3.0243	-3.8948	-3.5194	-2.1897	-0.23026	1.8049	3.3440	3.9558	3.4660	2.0137	
6.42	-1.1280	-2.7742	-3.5463	-3.2698	-2.0458	-0.23044	1.6609	3.0948	3.6678	3.2179	1.8700	
6.43	-1.0088	-2.5581	-3.2970	-3.0542	-1.9216	-0.23063	1.5365	2.8796	3.4195	3.0080	1.7460	
6.44	-0.89475	-2.3695	-3.0795	-2.8661	-1.8132	-0.23082	1.4280	2.6920	3.2080	2.8156	1.6378	
6.45	-0.79875	-2.2034	-2.8881	-2.7006	-1.7179	-0.23103	1.3325	2.5268	3.0125	2.6597	1.5326	
6.46	-0.71956	-2.0561	-2.7182	-2.5538	-1.6388	-0.23123	1.2477	2.3804	2.8486	2.5046	1.4388	
6.47	-0.65744	-1.9244	-2.5665	-2.4227	-1.5579	-0.23144	1.1721	2.2497	2.6929	2.3742	1.3480	
6.48	-0.59901	-1.8061	-2.4302	-2.3050	-1.4901	-0.23166	1.1041	2.1324	2.5576	2.2571	1.3155	
6.49	-0.56715	-1.6992	-2.3070	-2.1986	-1.4290	-0.23189	1.0428	2.0264	2.4354	2.1514	1.2545	
6.50	-0.45095	-1.6021	-2.1952	-2.1020	-1.3735	-0.23212	0.98704	1.9302	2.3245	2.0555	1.1992	
6.51	-0.39967	-1.5134	-2.0982	-2.0140	-1.3229	-0.23235	0.93622	1.8425	2.2285	1.9682	1.1488	
6.52	-0.35267	-1.4328	-2.0057	-1.9384	-1.2766	-0.23260	0.88970	1.7623	2.1311	1.8882	1.1027	
6.53	-0.30945	-1.3576	-1.9188	-1.8593	-1.2341	-0.23285	0.84695	1.6886	2.0462	1.8143	1.0608	
6.54	-0.26955	-1.2887	-1.8346	-1.7910	-1.1949	-0.23310	0.80752	1.6207	1.9680	1.7472	1.0218	
6.55	-0.23261	-1.2250	-1.7613	-1.7278	-1.1587	-0.23336	0.77104	1.5579	1.8957	1.6817	0.98529	
6.56	-0.19830	-1.1658	-1.6933	-1.6692	-1.1251	-0.23363	0.73719	1.4990	1.8287	1.6268	0.95189	
6.57	-0.16634	-1.1106	-1.6299	-1.6147	-1.0939	-0.23390	0.70579	1.4455	1.7664	1.5780	0.92084	
6.58	-0.13651	-1.0592	-1.5709	-1.5639	-1.0648	-0.23418	0.67633	1.3950	1.7083	1.5228	0.89198	
6.59	-0.10858	-1.0110	-1.5156	-1.5164	-1.0377	-0.23446	0.64887	1.3478	1.6541	1.4760	0.86493	
6.60	-0.08288	-0.96591	-1.4638	-1.4719	-1.0128	-0.23475	0.62318	1.3036	1.6088	1.4321	0.83966	
6.62	-0.054510	-0.88891	-1.41634	-1.4308	-0.98901	-0.23505	0.59828	1.2622	1.5109	1.3824	0.79372	
6.64	0.008011	-0.81026	-1.2855	-1.3188	-0.95204	-0.23538	0.57456	1.2232	1.4291	1.2818	0.75804	
6.66	0.046189	-0.74461	-1.2103	-1.2544	-0.88150	-0.23663	0.49729	1.0882	1.3561	1.2188	0.71678	
6.68	0.080633	-0.68544	-1.1421	-1.1966	-0.85574	-0.23731	0.44475	1.0310	1.2506	1.1624	0.68428	

TABLE 11 - VALUES OF THE COEFFICIENT C_1^1 - CONTINUED

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
6.70	0.11188	-0.63180	-1.0615	-1.1443	-0.82620	-0.28801	0.33340	0.97941	1.2815	1.1115	0.65581	
6.72	0.14098	-0.58294	-1.0158	-1.0569	-0.79946	-0.23874	0.30580	0.93257	1.1788	1.0655	0.62851	
6.74	0.16649	-0.53823	-0.97495	-1.0186	-0.77514	-0.20949	0.30058	0.88988	1.1252	1.0236	0.60448	
6.76	0.19051	-0.49713	-0.92826	-1.0109	-0.75294	-0.24027	0.33745	0.85083	1.0647	0.96585	0.58246	
6.78	0.21271	-0.45922	-0.88526	-0.97751	-0.73262	-0.24138	0.33614	0.81498	1.0439	0.95084	0.56235	
6.80	0.23328	-0.42411	-0.84551	-0.94391	-0.71295	-0.24132	0.31645	0.78195	1.0064	0.91817	0.54388	
6.82	0.25242	-0.39149	-0.80865	-0.91283	-0.69676	-0.24278	0.29819	0.75144	0.97182	0.88854	0.52688	
6.84	0.27079	-0.36110	-0.77436	-0.88400	-0.68008	-0.24167	0.28120	0.72315	0.93981	0.86116	0.51119	
6.86	0.28701	-0.33269	-0.74289	-0.85718	-0.66610	-0.24459	0.26535	0.69088	0.91018	0.83581	0.49667	
6.88	0.30271	-0.30606	-0.71449	-0.83218	-0.65256	-0.24554	0.25058	0.67240	0.88256	0.81223	0.48321	
6.90	0.31749	-0.28104	-0.68445	-0.80882	-0.63930	-0.24652	0.23662	0.64956	0.85688	0.79042	0.47070	
6.92	0.33143	-0.25747	-0.65811	-0.78694	-0.62911	-0.24753	0.22355	0.62819	0.83291	0.77805	0.45906	
6.94	0.34462	-0.23522	-0.63381	-0.76640	-0.61718	-0.24857	0.21128	0.60815	0.81051	0.75104	0.44821	
6.96	0.35712	-0.21416	-0.60590	-0.74710	-0.60687	-0.24964	0.19960	0.58934	0.78954	0.73327	0.43808	
6.98	0.36899	-0.19420	-0.58777	-0.72892	-0.59729	-0.25074	0.18858	0.57164	0.76988	0.71604	0.42862	
7.00	0.38080	-0.17523	-0.56681	-0.71177	-0.58832	-0.25188	0.17814	0.55496	0.75141	0.70107	0.41976	
7.02	0.39109	-0.15717	-0.54691	-0.69557	-0.57998	-0.25305	0.16822	0.53722	0.73404	0.68445	0.41146	
7.04	0.40140	-0.13996	-0.52800	-0.68024	-0.57206	-0.25425	0.15877	0.52485	0.71763	0.67273	0.40368	
7.06	0.41127	-0.12351	-0.51000	-0.66572	-0.56468	-0.25548	0.14976	0.51027	0.70228	0.65983	0.39637	
7.08	0.42073	-0.10777	-0.49283	-0.65134	-0.55775	-0.25675	0.14116	0.49692	0.68774	0.64770	0.38952	
7.10	0.42983	-0.092677	-0.47643	-0.63886	-0.55125	-0.25805	0.13292	0.48426	0.67401	0.63628	0.38307	
7.12	0.43858	-0.078192	-0.46075	-0.62641	-0.54514	-0.25939	0.12508	0.47228	0.66104	0.62552	0.37702	
7.14	0.44702	-0.064265	-0.44572	-0.61456	-0.53940	-0.26077	0.11745	0.46079	0.64876	0.61538	0.37132	
7.16	0.45517	-0.050854	-0.43132	-0.60327	-0.53401	-0.26215	0.11016	0.44990	0.63714	0.60582	0.36597	
7.18	0.46304	-0.037721	-0.41748	-0.59250	-0.52895	-0.26364	0.10315	0.43952	0.62614	0.59680	0.36093	
7.20	0.47067	-0.025482	-0.40418	-0.58221	-0.52419	-0.26513	0.096383	0.42961	0.61571	0.58830	0.35619	
7.22	0.47807	-0.013854	-0.39138	-0.57288	-0.51978	-0.26666	0.089849	0.42016	0.60582	0.58028	0.35174	
7.24	0.48525	-0.001664	-0.37904	-0.56298	-0.51554	-0.26824	0.083529	0.41112	0.59644	0.57271	0.34755	
7.26	0.49228	-0.009673	-0.36712	-0.55288	-0.51161	-0.26985	0.077409	0.40248	0.58754	0.56557	0.34361	
7.28	0.49903	-0.020636	-0.35562	-0.54535	-0.50793	-0.27151	0.071478	0.39420	0.57910	0.55884	0.33991	
7.30	0.50566	0.031880	-0.34449	-0.53708	-0.50449	-0.27321	0.065709	0.38628	0.57108	0.55249	0.33644	
7.32	0.51214	0.041003	-0.33371	-0.52915	-0.50127	-0.27496	0.060104	0.37868	0.56347	0.54651	0.33319	
7.34	0.51846	0.051951	-0.32327	-0.52153	-0.49827	-0.27675	0.054646	0.37189	0.55625	0.54088	0.33014	
7.36	0.52465	0.061852	-0.31319	-0.51421	-0.49547	-0.27859	0.049425	0.36489	0.54933	0.53559	0.32729	
7.38	0.53072	0.071523	-0.30329	-0.50717	-0.49287	-0.28048	0.044480	0.35767	0.54288	0.53061	0.32468	

TABLE II - VALUES OF THE COEFFICIENT C_M^1 - CONTINUED

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
7.40	0.58667	0.080980	-0.23372	-0.50040	-0.49046	-0.28242	0.02053	0.35121	0.13671	0.52598	0.32215	
7.42	0.58252	0.050289	-0.28440	-0.49388	-0.48328	-0.28441	0.084833	0.34459	0.13005	0.52155	0.31905	
7.44	0.57827	0.039314	-0.27532	-0.48761	-0.47618	-0.28646	0.022214	0.33981	0.12529	0.51745	0.31771	
7.46	0.55892	0.10822	-0.26647	-0.48156	-0.46930	-0.28855	0.024436	0.33325	0.12003	0.51368	0.31574	
7.48	0.55950	0.11636	-0.25783	-0.47578	-0.46259	-0.29071	0.019742	0.32771	0.11505	0.51006	0.31392	
7.50	0.56500	0.12557	-0.24988	-0.47011	-0.45108	-0.29292	0.015126	0.32236	0.11034	0.50674	0.31225	
7.52	0.57044	0.13403	-0.24112	-0.46469	-0.44568	-0.29519	0.010580	0.31721	0.10588	0.50367	0.31074	
7.54	0.57581	0.14238	-0.23303	-0.45945	-0.44039	-0.29752	0.006099	0.31228	0.10167	0.50088	0.30936	
7.56	0.58118	0.15061	-0.22510	-0.45440	-0.43529	-0.29991	0.001674	0.30748	0.09771	0.49828	0.30813	
7.58	0.58640	0.15874	-0.21732	-0.44952	-0.43038	-0.30237	-0.002698	0.30280	0.09397	0.49585	0.30703	
7.60	0.59162	0.16678	-0.20969	-0.44480	-0.42552	-0.30489	-0.007024	0.29832	0.09047	0.49368	0.30606	
7.62	0.59681	0.17473	-0.20218	-0.44020	-0.42085	-0.30748	-0.011810	0.29400	0.08718	0.49178	0.30528	
7.64	0.60197	0.18261	-0.19479	-0.43582	-0.41631	-0.31014	-0.015561	0.28981	0.08410	0.48999	0.30452	
7.66	0.60710	0.19043	-0.18752	-0.43155	-0.41207	-0.31288	-0.019781	0.28577	0.08128	0.48845	0.30395	
7.68	0.61221	0.19819	-0.18085	-0.42742	-0.40784	-0.31563	-0.023977	0.28186	0.07857	0.48712	0.30349	
7.70	0.61731	0.20590	-0.17427	-0.42332	-0.40350	-0.31857	-0.028150	0.27807	0.07618	0.48598	0.30316	
7.72	0.62233	0.21356	-0.16828	-0.41935	-0.40050	-0.32154	-0.032314	0.27441	0.07382	0.48504	0.30295	
7.74	0.62747	0.22120	-0.16298	-0.41580	-0.39782	-0.32459	-0.036461	0.27086	0.07178	0.48429	0.30286	
7.76	0.63255	0.22881	-0.15854	-0.41277	-0.39561	-0.32778	-0.040609	0.26742	0.06983	0.48378	0.30290	
7.78	0.63763	0.23640	-0.15577	-0.40985	-0.39325	-0.33095	-0.044753	0.26410	0.06811	0.48336	0.30205	
7.80	0.64271	0.24398	-0.15305	-0.40724	-0.39091	-0.33427	-0.048901	0.26087	0.06657	0.48318	0.30182	
7.82	0.64782	0.25156	-0.15035	-0.40493	-0.38857	-0.33761	-0.053057	0.25774	0.06521	0.48319	0.30171	
7.84	0.65294	0.25915	-0.14877	-0.40297	-0.38639	-0.34119	-0.057226	0.25471	0.06402	0.48333	0.30122	
7.86	0.65808	0.26674	-0.14718	-0.40131	-0.38430	-0.34480	-0.061413	0.25177	0.06301	0.48376	0.30086	
7.88	0.66325	0.27436	-0.14573	-0.39982	-0.38235	-0.34852	-0.065622	0.24892	0.06217	0.48434	0.30061	
7.90	0.66845	0.28200	-0.14439	-0.39857	-0.38045	-0.35235	-0.069858	0.24615	0.06151	0.48510	0.30049	
7.92	0.67369	0.28968	-0.14315	-0.39753	-0.37869	-0.35630	-0.074125	0.24347	0.06101	0.48605	0.30049	
7.94	0.67897	0.29740	-0.14198	-0.39672	-0.38193	-0.36036	-0.078480	0.24086	0.06063	0.48719	0.30061	
7.96	0.68430	0.30517	-0.14085	-0.39611	-0.38518	-0.36455	-0.082876	0.23834	0.06039	0.48858	0.30086	
7.98	0.68968	0.31299	-0.14006	-0.39582	-0.38851	-0.36887	-0.087169	0.23588	0.06056	0.49006	0.31124	
8.00	0.69512	0.32089	-0.13954	-0.39580	-0.39201	-0.37332	-0.091619	0.23350	0.06076	0.49179	0.31275	
8.02	0.70063	0.32885	-0.13908	-0.39585	-0.39569	-0.37791	-0.096115	0.23118	0.06118	0.49372	0.31440	
8.04	0.70620	0.33690	-0.13874	-0.39588	-0.39911	-0.38274	-0.100681	0.22894	0.06167	0.49586	0.31618	
8.06	0.71185	0.34504	-0.13859	-0.39588	-0.40258	-0.38758	-0.105381	0.22675	0.06233	0.49821	0.31810	
8.08	0.71757	0.35328	-0.13859	-0.39580	-0.40615	-0.39258	-0.110202	0.22463	0.06300	0.50077	0.32116	

TABLE 11 - VALUES OF THE COEFFICIENT C_H^1 - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
8.10	0.72339	0.86169	-0.040534	-0.86478	-0.45937	-0.39779	-0.11801	0.22257	0.46488	0.58855	0.82287
8.12	0.72380	0.87003	-0.039825	-0.86267	-0.50111	-0.40818	-0.11963	0.22057	0.46566	0.59056	0.82478
8.14	0.72581	0.87869	-0.027085	-0.86062	-0.50401	-0.40875	-0.12463	0.21863	0.46712	0.59380	0.82725
8.16	0.74143	0.88742	-0.020175	-0.85864	-0.50708	-0.41451	-0.12972	0.21674	0.46877	0.51827	0.82992
8.18	0.74766	0.89631	-0.013237	-0.85671	-0.51038	-0.42047	-0.13489	0.21490	0.47043	0.51700	0.83277
8.20	0.75402	0.90535	-0.006212	-0.85484	-0.51376	-0.42668	-0.14019	0.21312	0.47268	0.52097	0.83578
8.22	0.76050	0.91457	-0.000909	-0.85302	-0.51737	-0.43302	-0.14560	0.21138	0.47495	0.52521	0.83898
8.24	0.76713	0.92398	0.008135	-0.85126	-0.52118	-0.43968	-0.15115	0.20970	0.47718	0.52971	0.84285
8.26	0.77311	0.93353	0.015476	-0.84955	-0.52519	-0.44649	-0.15684	0.20806	0.48013	0.53450	0.84598
8.28	0.78014	0.94340	0.022944	-0.84789	-0.52941	-0.45360	-0.16263	0.20647	0.48306	0.53959	0.84970
8.30	0.78735	0.95344	0.030549	-0.84628	-0.53385	-0.46098	-0.16868	0.20493	0.48628	0.54497	0.85368
8.32	0.79524	0.96373	0.038302	-0.84472	-0.53852	-0.46864	-0.17485	0.20342	0.48964	0.55068	0.85788
8.34	0.80272	0.97428	0.046217	-0.84320	-0.54343	-0.47650	-0.18121	0.20196	0.49380	0.55672	0.86231
8.36	0.81040	0.98511	0.054306	-0.84174	-0.54859	-0.48467	-0.18776	0.20055	0.49724	0.56310	0.86698
8.38	0.81830	0.99624	0.062504	-0.84031	-0.55401	-0.49343	-0.19453	0.19917	0.50114	0.56985	0.87190
8.40	0.82644	0.50768	0.071065	-0.83893	-0.55971	-0.50244	-0.20151	0.19788	0.50594	0.57699	0.87708
8.42	0.83482	0.51947	0.079766	-0.83759	-0.56569	-0.51177	-0.20874	0.19658	0.51074	0.58452	0.88255
8.44	0.84347	0.53162	0.088704	-0.83630	-0.57198	-0.52149	-0.21622	0.19527	0.51596	0.59243	0.88831
8.46	0.85241	0.54416	0.097896	-0.83504	-0.57859	-0.53164	-0.22397	0.19405	0.52182	0.60083	0.89488
8.48	0.86164	0.55712	0.10736	-0.83383	-0.58555	-0.54228	-0.23202	0.19286	0.52712	0.60977	0.90078
8.50	0.87120	0.57052	0.11718	-0.83265	-0.59286	-0.55390	-0.24038	0.19171	0.53330	0.61916	0.90758
8.52	0.88111	0.58441	0.12721	-0.83151	-0.60055	-0.56467	-0.24908	0.19059	0.53967	0.62947	0.91465
8.54	0.89138	0.59881	0.13764	-0.83041	-0.60865	-0.57699	-0.25813	0.18950	0.54685	0.63955	0.92217
8.56	0.90206	0.61376	0.14844	-0.82935	-0.61719	-0.58968	-0.26758	0.18845	0.55428	0.65064	0.93011
8.58	0.91316	0.62931	0.15965	-0.82832	-0.62618	-0.60299	-0.27744	0.18743	0.56217	0.66236	0.93850
8.60	0.92473	0.64551	0.17129	-0.82738	-0.63566	-0.61697	-0.28775	0.18644	0.57057	0.67471	0.94736
8.62	0.93679	0.66239	0.18340	-0.82647	-0.64548	-0.63166	-0.29853	0.18548	0.57950	0.68791	0.95675
8.64	0.94930	0.68002	0.19602	-0.82556	-0.65625	-0.64712	-0.30987	0.18456	0.58900	0.70186	0.96668
8.66	0.96255	0.69846	0.20920	-0.82466	-0.66744	-0.66341	-0.32175	0.18366	0.59912	0.71661	0.97722
8.68	0.97635	0.71777	0.22297	-0.82371	-0.67927	-0.68059	-0.33425	0.18279	0.60989	0.73234	0.98839
8.70	0.99083	0.73804	0.23740	-0.82288	-0.69182	-0.69875	-0.34742	0.18195	0.62188	0.74982	0.50026
8.72	1.00649	0.75934	0.25255	-0.82209	-0.70512	-0.71795	-0.36131	0.18113	0.63364	0.76678	0.51288
8.74	1.0221	0.78176	0.26848	-0.82133	-0.71926	-0.73680	-0.37599	0.18035	0.64674	0.78563	0.52631
8.76	1.0380	0.80542	0.28525	-0.82060	-0.73430	-0.75950	-0.39154	0.17959	0.66074	0.80587	0.54064
8.78	1.0548	0.83042	0.30297	-0.81994	-0.75032	-0.78286	-0.40803	0.17886	0.67572	0.82743	0.55594

TABLE 11 - VALUES OF THE COEFFICIENT C_M^1 - CONTINUED

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
8.90	1.0757	0.8569	0.82171	-0.31928	-0.16792	-0.80781	-0.42556	0.17015	0.63179	0.85059	0.57280	
8.92	1.0958	0.88501	0.84159	-0.31859	-0.16570	-0.83841	-0.44428	0.17747	0.70904	0.87523	0.58902	
8.94	1.1171	0.91592	0.86278	-0.31798	-0.16357	-0.86181	-0.46116	0.17682	0.72760	0.90177	0.60864	
8.96	1.1399	0.94681	0.88525	-0.31740	-0.16142	-0.88122	-0.47850	0.17619	0.74759	0.93034	0.62867	
8.98	1.1642	0.98052	0.90982	-0.31685	-0.15928	-0.90236	-0.49589	0.17558	0.76818	0.96114	0.65068	
8.99	1.1903	1.0175	0.94512	-0.31632	-0.15716	-0.92797	-0.51381	0.17500	0.78954	0.99443	0.67425	
9.00	1.2183	1.0568	0.98286	-0.31583	-0.15506	-0.95585	-0.53258	0.17444	0.81788	1.0305	0.69979	
9.01	1.2485	1.0998	0.99277	-0.31536	-0.15299	-1.0858	-0.55183	0.17391	0.84544	1.0697	0.72758	
9.02	1.2812	1.1452	0.95215	-0.31491	-0.15092	-1.0739	-0.57056	0.17340	0.87551	1.1124	0.75776	
9.04	1.3168	1.1951	0.96089	-0.31450	-0.14886	-1.1279	-0.58959	0.17291	0.90802	1.1592	0.79201	
9.06	1.3535	1.2496	0.99871	-0.31411	-1.0903	-1.1804	-0.60882	0.17245	0.94457	1.2105	0.82710	
9.08	1.3940	1.3098	0.94077	-0.31374	-1.0712	-1.2382	-0.71374	0.17201	0.98444	1.2670	0.86708	
9.10	1.4447	1.3750	0.68708	-0.31340	-1.1164	-1.8021	-0.77691	0.17159	1.0285	1.3296	0.91134	
9.12	1.4964	1.4478	0.70435	-0.31309	-1.1645	-1.8729	-0.82705	0.17119	1.0778	1.3992	0.96058	
9.14	1.5540	1.5288	0.73544	-0.31281	-1.2226	-1.9521	-0.88302	0.17081	1.1328	1.4771	1.0157	
9.16	1.6185	1.6196	0.75944	-0.31254	-1.2855	-1.9410	-0.94589	0.17046	1.1947	1.5649	1.0777	
9.18	1.6912	1.7221	0.93171	-0.31231	-1.3568	-1.9417	-1.0170	0.17018	1.2659	1.6649	1.1480	
9.20	1.7740	1.8388	1.6140	-0.31210	-1.4381	-1.7565	-1.0982	0.16981	1.3458	1.7779	1.2283	
9.22	1.8692	1.9729	1.1036	-0.31191	-1.5318	-1.8889	-1.1917	0.16952	1.4379	1.9090	1.3210	
9.24	1.9796	2.1287	1.2194	-0.31175	-1.6400	-2.0427	-1.3004	0.16925	1.5439	2.0617	1.4289	
9.26	2.1095	2.3119	1.3477	-0.31161	-1.7632	-2.2241	-1.4286	0.16900	1.6788	2.2419	1.5563	
9.28	2.2603	2.5162	1.5218	-0.31155	-1.9024	-2.3275	-1.5816	0.16889	1.7460	2.4447	1.6290	
9.30	2.4358	2.7507	1.5021	-0.31150	-1.9227	-2.4410	-1.5818	0.16877	1.8250	2.6576	1.7083	
9.32	2.6388	2.9567	1.5911	-0.31145	-2.0118	-2.5661	-1.6708	0.16867	1.9118	2.8822	1.7963	
9.34	2.8627	3.1894	1.6897	-0.31141	-2.1095	-2.7049	-1.7688	0.16857	2.0116	3.1203	1.8946	
9.36	3.1128	3.4528	1.7995	-0.31136	-2.2190	-2.8595	-1.8776	0.16847	2.1246	3.3744	2.0035	
9.38	3.3868	3.7468	1.9226	-0.31135	-2.3417	-3.0325	-2.0002	0.16838	2.2428	3.6472	2.1257	
9.40	3.6856	4.0631	2.0615	-0.31132	-2.4803	-3.2288	-2.1386	0.16829	2.3689	3.9425	2.2687	
9.42	4.0100	4.4169	2.2197	-0.31131	-2.6381	-3.4518	-2.2902	0.16821	2.5081	4.2649	2.4201	
9.44	4.3619	4.8039	2.4013	-0.31130	-2.8198	-3.7072	-2.4771	0.16814	2.7188	4.6203	2.6015	
9.46	4.7468	5.2255	2.6118	-0.31129	-3.0295	-4.0049	-2.6872	0.16806	2.9285	5.0169	2.8112	
9.48	5.1681	5.6853	2.8598	-0.31129	-3.2764	-4.4583	-2.9388	0.16800	3.1749	5.4652	3.0575	
9.50	5.6278	6.1875	3.1533	-0.31130	-3.5704	-4.9634	-3.2276	0.16794	3.4689	5.9602	3.3569	
9.52	6.1255	6.7255	3.5097	-0.31131	-3.9264	-5.5228	-3.5844	0.16788	3.8238	6.5029	3.7044	
9.54	6.7165	7.3955	3.9500	-0.31133	-4.3464	-6.1548	-4.0281	0.16783	4.2438	7.0944	4.1048	

TABLE 11 - VALUES OF THE COEFFICIENT C_H^1 - CONTINUED

λ	RATIO Ξ/λ										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
9.85	5.2799	6.7850	4.5880	-0.81185	-4.3242	-6.6878	-4.5806	0.16778	4.8205	6.6324	4.7029
9.86	6.0054	7.8179	5.2382	-0.81188	-5.6541	-7.7154	-5.3182	0.16776	5.5929	7.7288	5.4328
9.87	7.0025	9.2277	6.2989	-0.81192	-6.6505	-9.1293	-6.3065	0.16771	6.5458	9.1821	6.4281
9.88	8.0046	11.2267	7.6766	-0.81196	-8.0919	-11.163	-7.7475	0.16768	7.3867	11.170	7.8689
9.89	10.716	14.478	9.572	-0.81151	-10.362	-14.373	-10.018	0.16765	10.237	14.388	10.189
9.90	14.819	20.281	14.050	-0.81157	-14.465	-20.175	-14.120	0.16763	14.359	20.181	14.241
9.91	24.875	38.937	28.706	-0.81168	-24.121	-38.880	-28.775	0.16761	24.814	38.815	28.896
9.92	74.548	109.75	79.779	-0.81165	-74.193	-109.64	-78.847	0.16760	74.086	109.65	78.968
9.93	-67.152	-95.644	-67.922	-0.81176	67.508	95.753	67.854	0.16760	-67.616	-95.718	-67.784
9.94	-22.678	-32.742	-28.444	-0.81184	28.080	32.852	28.876	0.16759	-28.188	-32.842	-28.257
9.95	-18.464	-19.718	-14.285	-0.81193	18.821	19.829	14.168	0.16760	-19.388	-19.826	-14.648
9.96	-9.488	-14.089	-10.255	-0.81202	9.8412	14.201	10.188	0.16761	-9.9507	-14.138	-10.063
9.97	-7.2629	-10.949	-8.087	-0.81211	7.6215	11.062	7.968	0.16762	-7.7815	-11.060	-7.8502
9.98	-5.8464	-8.9464	-6.6186	-0.81221	6.2056	9.0599	6.5588	0.16764	-6.8162	-9.0584	-6.4850
9.99	-4.8641	-7.5574	-5.6867	-0.81232	5.2289	7.6718	5.5720	0.16766	-5.3858	-7.6759	-5.4589
9.90	-4.1327	-6.5975	-4.9158	-0.81244	4.5832	6.6529	4.8516	0.16769	-4.6149	-6.6316	-4.7889
9.91	-3.5905	-5.7569	-4.3641	-0.81256	3.9516	5.8781	4.8804	0.16778	-4.8638	-5.8714	-4.1830
9.92	-3.1541	-5.1408	-3.9281	-0.81268	3.5158	5.2572	3.8651	0.16777	-3.8286	-5.2518	-3.7479
9.93	-2.8085	-4.6482	-3.5758	-0.81281	3.1629	4.7583	3.5125	0.16781	-3.7762	-4.7597	-3.8356
9.94	-2.5081	-4.2271	-3.2832	-0.81295	2.8712	4.3661	3.2212	0.16786	-3.3850	-4.3481	-3.1846
9.95	-2.2628	-3.8798	-3.0079	-0.81809	2.6260	3.9997	2.9765	0.16791	-3.1404	-3.9828	-2.8601
9.96	-2.0528	-3.5838	-2.8288	-0.81824	2.4171	3.7046	2.7680	0.16797	-2.9321	-3.7078	-2.6519
9.97	-1.8726	-3.3284	-2.6485	-0.81840	2.2365	3.4502	2.5888	0.16808	-2.7828	-3.4548	-2.4425
9.98	-1.7145	-3.1059	-2.4915	-0.81856	2.0800	3.2266	2.4818	0.16810	-2.6161	-3.2289	-2.8162
9.99	-1.5758	-2.9182	-2.3504	-0.81878	1.9420	3.0338	2.3340	0.16818	-2.4387	-3.0387	-2.1790
9.90	-1.4580	-2.7867	-2.2818	-0.81898	1.8197	2.8618	2.1725	0.16826	-2.2376	-2.8668	-2.0574
9.91	-1.3588	-2.5819	-2.1219	-0.81908	1.7187	2.7074	2.0639	0.16834	-2.0235	-2.7135	-1.9491
9.92	-1.2448	-2.3429	-2.0289	-0.81927	1.6128	2.5638	1.9665	0.16847	-1.7811	-2.5760	-1.8519
9.93	-1.1558	-2.1173	-1.9024	-0.81946	1.5244	2.4447	1.8786	0.16852	-1.6488	-2.4520	-1.7648
9.94	-1.0750	-2.2024	-1.8551	-0.81966	1.4442	2.3817	1.7989	0.16862	-1.5637	-2.3896	-1.6849
9.95	-1.0018	-2.0595	-1.7828	-0.81986	1.3711	2.2287	1.7268	0.16873	-1.4912	-2.2872	-1.6125
9.96	-0.9377	-2.2104	-1.7150	-0.81987	1.3042	2.1046	1.6608	0.16884	-1.4249	-2.1816	-1.5464
9.97	-0.87171	-1.9161	-1.6585	-0.81959	1.2487	2.0081	1.5948	0.16895	-1.3648	-2.0517	-1.4857
9.98	-0.81445	-1.8263	-1.5948	-0.81951	1.1861	1.9484	1.5429	0.16907	-1.3079	-1.9746	-1.4298
9.99	-0.76145	-1.7617	-1.5444	-0.81974	1.1387	1.8947	1.4911	0.16928	-1.2561	-1.9195	-1.3782

TABLE 11 - VALUES OF THE COEFFICIENT C_M' - CONTINUED

λ	RATIO π/L											
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
9.78	-0.71224	-1.6324	-1.4958	-0.81528	1.0051	1.8264	1.4428	0.16924	-1.2061	-1.0978	-1.8364	
9.79	-0.62866	-1.5678	-1.4008	-0.81646	0.99766	1.7957	1.3568	5.16361	-1.1219	-1.0163	-1.2446	
9.79	-0.54618	-1.4538	-1.2828	-0.81698	0.99129	1.7566	1.2816	0.16998	-1.0457	-1.0186	-1.1659	
9.76	-0.47760	-1.3426	-1.2637	-0.81752	0.98397	1.7024	1.2155	0.17022	-0.98664	-1.0173	-1.1042	
9.78	-0.41662	-1.2771	-1.2050	-0.81808	0.97516	1.6484	1.1576	0.17056	-0.92206	-1.0050	-1.0461	
9.80	-0.36156	-1.2005	-1.1516	-0.81867	0.96666	1.5941	1.1040	0.17092	-0.86581	-1.0315	-0.9937	
9.82	-0.31264	-1.1315	-1.1035	-0.81929	0.95751	1.5371	1.0500	0.17181	-0.82291	-1.0557	-0.94758	
9.84	-0.26791	-1.0630	-1.0401	-0.81997	0.94838	1.4785	1.0158	0.17171	-0.77060	-1.0864	-0.90628	
9.86	-0.22712	-1.0121	-1.0207	-0.82068	0.93931	1.4166	0.97765	0.17214	-0.72225	-1.11827	-0.86883	
9.88	-0.18976	-0.96004	-0.98469	-0.82125	0.93007	1.3515	0.94231	0.17259	-0.67833	-1.15382	-0.83402	
9.90	-0.15588	-0.91221	-0.95171	-0.82201	0.92084	1.2836	0.91128	0.17307	-0.63540	-1.18938	-0.80268	
9.92	-0.12862	-0.86969	-0.92198	-0.82276	0.9121	1.2135	0.88215	0.17356	-0.59411	-1.22604	-0.77358	
9.94	-0.09478	-0.83227	-0.89339	-0.82354	0.90308	0.9074	0.85345	0.17406	-0.55314	-1.26369	-0.74764	
9.96	-0.066788	-0.79934	-0.86749	-0.82436	0.89404	0.8457	0.82604	0.17462	-0.51244	-1.30231	-0.72397	
9.98	-0.041227	-0.77544	-0.84344	-0.82518	0.88528	0.81562	0.80311	0.17519	-0.47118	-1.34185	-0.70097	
10.00	-0.017801	-0.75206	-0.82106	-0.82604	0.87678	0.80478	0.78785	0.17578	-0.43077	-1.38245	-0.68024	
10.02	-0.005157	-0.69016	-0.80017	-0.82681	0.86806	0.85589	0.76751	0.17648	-0.39184	-1.42418	-0.66101	
10.04	0.026294	-0.66115	-0.78064	-0.82785	0.86008	0.82838	0.74938	0.17704	-0.35125	-1.46698	-0.64316	
10.06	0.046225	-0.63983	-0.76238	-0.82880	0.85178	0.80879	0.73239	0.17771	-0.31087	-1.51074	-0.62651	
10.08	0.065054	-0.62807	-0.74513	-0.82970	0.84345	0.78016	0.71658	0.17848	-0.27058	-1.55455	-0.61099	
10.10	0.082969	-0.59371	-0.72845	-0.83079	0.83528	0.75736	0.70181	0.17912	-0.23088	-1.59847	-0.59658	
10.12	0.099948	-0.56063	-0.71370	-0.83183	0.82688	0.73706	0.68758	0.17978	-0.19178	-1.64248	-0.58324	
10.14	0.11611	-0.53872	-0.69938	-0.83290	0.81878	0.71785	0.67581	0.18043	-0.15340	-1.68659	-0.57025	
10.16	0.13152	-0.51789	-0.68569	-0.83401	0.81072	0.69874	0.66285	0.18108	-0.11514	-1.73074	-0.55835	
10.18	0.14624	-0.49805	-0.67279	-0.83514	0.80279	0.68114	0.65148	0.18176	-0.07698	-1.77498	-0.54718	
10.20	0.16023	-0.47911	-0.66056	-0.83631	0.79498	0.66416	0.64078	0.18246	-0.03918	-1.81938	-0.53669	
10.22	0.17385	-0.46181	-0.64895	-0.83752	0.78726	0.64805	0.63060	0.18312	-0.00178	-1.86388	-0.52688	
10.24	0.18682	-0.44568	-0.63791	-0.83876	0.77977	0.63213	0.62103	0.18378	0.03774	-1.90848	-0.51755	
10.26	0.19981	-0.42977	-0.62789	-0.84003	0.77247	0.61618	0.61218	0.18448	0.07574	-1.95314	-0.50882	
10.28	0.21188	-0.41412	-0.61738	-0.84134	0.76534	0.60078	0.60363	0.18514	0.11377	-2.00000	-0.50059	
10.30	0.22293	-0.39879	-0.60782	-0.84265	0.75861	0.58578	0.59574	0.18581	0.15221	-2.04438	-0.49285	
10.32	0.23414	-0.38402	-0.59870	-0.84407	0.75208	0.57083	0.58824	0.18649	0.19109	-2.08938	-0.48553	
10.34	0.24499	-0.36979	-0.58957	-0.84549	0.74577	0.55600	0.58117	0.18715	0.23081	-2.13498	-0.47867	
10.36	0.25558	-0.35585	-0.58163	-0.84695	0.73974	0.54144	0.57450	0.18781	0.27139	-2.18111	-0.47218	
10.38	0.26570	-0.34278	-0.57363	-0.84845	0.73395	0.52704	0.56821	0.18848	0.31261	-2.22788	-0.46607	

TABLE 11 - VALUES OF THE COEFFICIENT C_M^1 - CONTINUED

λ	RATIO λ/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
10.40	0.27561	-0.32693	-0.56597	-0.81999	-0.18602	0.53636	0.56220	0.19339	-0.31115	-0.59595	-0.46082
10.42	0.28525	-0.31440	-0.55453	-0.80357	0.12775	0.52648	0.55669	0.19460	-0.28950	-0.58777	-0.45485
10.44	0.29464	-0.30241	-0.55158	-0.78719	0.11944	0.51791	0.55192	0.19585	-0.27812	-0.58008	-0.44979
10.46	0.30380	-0.29068	-0.54980	-0.77086	0.11136	0.50798	0.54697	0.19716	-0.26702	-0.57270	-0.44499
10.48	0.31274	-0.27928	-0.54829	-0.75456	0.10399	0.49920	0.54181	0.19847	-0.25616	-0.56576	-0.44047
10.50	0.32147	-0.26819	-0.54693	-0.73822	0.095829	0.49082	0.53793	0.19988	-0.24559	-0.55920	-0.43623
10.52	0.33003	-0.25735	-0.52691	-0.72197	0.088851	0.48277	0.53382	0.20124	-0.23515	-0.55299	-0.43225
10.54	0.33846	-0.24685	-0.52020	-0.70577	0.081647	0.47502	0.52946	0.20269	-0.22597	-0.54712	-0.42852
10.56	0.34667	-0.23656	-0.51461	-0.68956	0.074968	0.46756	0.52506	0.20410	-0.21699	-0.54158	-0.42503
10.58	0.35461	-0.22650	-0.50922	-0.67331	0.068590	0.46038	0.52069	0.20572	-0.20820	-0.53635	-0.42178
10.60	0.36262	-0.21666	-0.50402	-0.65708	0.062651	0.45345	0.51635	0.20730	-0.20059	-0.53131	-0.41874
10.62	0.37048	-0.20702	-0.49900	-0.64085	0.056922	0.44678	0.51204	0.20893	-0.19315	-0.52676	-0.41593
10.64	0.37812	-0.19759	-0.49416	-0.62461	0.051416	0.44035	0.51774	0.21061	-0.18588	-0.52239	-0.41332
10.66	0.38570	-0.18831	-0.48948	-0.60831	0.046206	0.43413	0.51325	0.21233	-0.17876	-0.51829	-0.41091
10.68	0.39316	-0.17920	-0.48496	-0.59202	0.041200	0.42814	0.50856	0.21411	-0.17179	-0.51444	-0.40870
10.70	0.40058	-0.17025	-0.48059	-0.57573	0.036405	0.42235	0.50436	0.21597	-0.16496	-0.51084	-0.40667
10.72	0.40789	-0.16144	-0.47636	-0.55953	0.031832	0.41675	0.50036	0.21782	-0.15826	-0.50748	-0.40484
10.74	0.41513	-0.15276	-0.47227	-0.54332	0.027482	0.41134	0.49634	0.21976	-0.15176	-0.50436	-0.40318
10.76	0.42231	-0.14421	-0.46831	-0.52717	0.023377	0.40611	0.49217	0.22176	-0.14544	-0.50146	-0.40170
10.78	0.42943	-0.13576	-0.46448	-0.51100	0.019466	0.40105	0.48806	0.22382	-0.13929	-0.49879	-0.40039
10.80	0.43650	-0.12741	-0.46077	-0.49487	0.015816	0.39615	0.48410	0.22593	-0.13329	-0.49633	-0.39925
10.82	0.44352	-0.11916	-0.45717	-0.47879	0.012453	0.39131	0.48018	0.22811	-0.12748	-0.49408	-0.39828
10.84	0.45051	-0.11109	-0.45369	-0.46277	0.009351	0.38662	0.47735	0.23036	-0.12187	-0.49204	-0.39748
10.86	0.45740	-0.10320	-0.45031	-0.44687	0.006478	0.38237	0.47468	0.23267	-0.11646	-0.49021	-0.39683
10.88	0.46441	-0.09547	-0.44708	-0.43105	0.003800	0.37866	0.47219	0.23506	-0.11129	-0.48857	-0.39635
10.90	0.47138	-0.08799	-0.44386	-0.41531	0.001316	0.37488	0.46986	0.23751	-0.10631	-0.48713	-0.39603
10.92	0.47824	-0.08079	-0.44078	-0.40000	0.000053	0.37093	0.46769	0.24004	-0.10157	-0.48589	-0.39586
10.94	0.48515	-0.07379	-0.43779	-0.38517	-0.000000	0.36682	0.46563	0.24265	-0.19791	-0.48484	-0.39586
10.96	0.49206	-0.06684	-0.43489	-0.37081	-0.000000	0.36210	0.46369	0.24534	-0.19543	-0.48398	-0.39600
10.98	0.49898	-0.05997	-0.43208	-0.35691	-0.000000	0.35840	0.46180	0.24811	-0.19303	-0.48308	-0.39631
11.00	0.50592	-0.05314	-0.42934	-0.34359	-0.000000	0.35482	0.45996	0.25097	-0.19078	-0.48232	-0.39678

TABLE III

VALUES OF THE COEFFICIENT C'_S

Consider a simply supported, uniform bar subjected, at one end, to a deflection $\delta(t) = \delta_0 \cos \omega t$. The steady-state bending moment in the bar at a distance \bar{x} from the deflected end may then be expressed as:

$$M(\bar{x}, t) = M_0 \cos \omega t, \quad \text{where} \quad M_0 = C'_S \frac{EI}{L^2} \delta_0$$

Moments are considered positive when producing compression in the upper fibers of the bar.

Tabulated herein are values of C'_S for successive twelfth points of the bar as a function of the dimensionless parameter

$$\lambda = \sqrt{\frac{m\omega^2}{EI}} L,$$

in which m is the mass per unit of length of the bar; ω is the circular frequency of vibration; E is the modulus of elasticity of the material in the bar; I is the moment of inertia of the bar cross section about its centroidal axis; and L is the span length of the bar.

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	1/2	7/12	8/12	9/12	10/12	11/12	
0	0	0	0	0	0	0	0	0	0	0	0	
0.20	0.000039	0.000068	0.000088	0.000099	0.000103	0.000100	0.000092	0.000079	0.000068	0.000043	0.000022	
0.30	0.000198	0.000344	0.000448	0.000500	0.000520	0.000506	0.000465	0.000400	0.000316	0.000219	0.000112	
0.40	0.000625	0.001087	0.001400	0.001581	0.001662	0.001600	0.001470	0.001265	0.001000	0.000692	0.000453	
0.50	0.001526	0.002154	0.002620	0.002960	0.003171	0.003209	0.003189	0.003069	0.002848	0.002489	0.002063	
0.55	0.002284	0.003086	0.003508	0.003725	0.003807	0.003725	0.003527	0.003274	0.002978	0.002474	0.001964	
0.60	0.003165	0.004050	0.004505	0.004810	0.004923	0.004811	0.004546	0.004110	0.003670	0.003050	0.002370	
0.65	0.004086	0.005058	0.005577	0.005937	0.011470	0.011178	0.010264	0.008838	0.007388	0.004881	0.002467	
0.70	0.005069	0.006120	0.006695	0.007054	0.011547	0.0115045	0.013816	0.011890	0.009406	0.006503	0.003821	
0.75	0.007738	0.013461	0.017851	0.019519	0.020819	0.019842	0.018222	0.015632	0.012406	0.008579	0.004381	
0.80	0.010024	0.017431	0.022480	0.025881	0.026300	0.025712	0.023618	0.020823	0.016078	0.011117	0.005678	
0.85	0.012786	0.022285	0.028677	0.032851	0.033657	0.032807	0.030131	0.025994	0.020518	0.014187	0.007216	
0.90	0.016086	0.027965	0.036086	0.040750	0.041286	0.041298	0.037928	0.032637	0.025680	0.017860	0.009122	
0.95	0.019992	0.034491	0.044860	0.050665	0.052672	0.051349	0.047169	0.040652	0.032127	0.022215	0.011947	

TABLE III - VALUES OF THE COEFFICIENT C_8 - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	1/2	7/12	8/12	9/12	10/12	11/12
1.00	0.024578	0.042778	0.055166	0.062912	0.069788	0.069169	0.058082	0.049958	0.039531	0.027896	0.013968
1.02	0.024620	0.042834	0.055257	0.063001	0.070187	0.068486	0.062878	0.054128	0.042881	0.029620	0.015130
1.04	0.024788	0.043112	0.055688	0.063314	0.070524	0.074083	0.068018	0.058559	0.046369	0.032046	0.016369
1.06	0.031088	0.051120	0.063816	0.078864	0.082011	0.079774	0.078480	0.068268	0.050064	0.034628	0.017686
1.08	0.039526	0.058867	0.075231	0.085065	0.088466	0.086278	0.079271	0.068258	0.050014	0.037855	0.019082
1.10	0.046106	0.062865	0.081099	0.091684	0.095804	0.092347	0.085488	0.078540	0.058200	0.040251	0.020561
1.12	0.038885	0.067623	0.087244	0.098585	0.10254	0.10001	0.091904	0.079187	0.062632	0.048318	0.022128
1.14	0.041720	0.072651	0.093740	0.105593	0.11019	0.10748	0.098775	0.085057	0.067820	0.046561	0.023786
1.16	0.044765	0.077962	0.10060	0.11370	0.11828	0.11538	0.10604	0.091815	0.072716	0.049291	0.025538
1.18	0.047978	0.083566	0.10784	0.12189	0.12681	0.12371	0.11371	0.097925	0.077511	0.058613	0.027389
1.20	0.051365	0.089475	0.11548	0.13054	0.13582	0.13251	0.12183	0.10490	0.088086	0.057486	0.029843
1.22	0.054983	0.095701	0.12353	0.13965	0.14531	0.14178	0.13033	0.11226	0.088664	0.061170	0.031404
1.24	0.058689	0.10226	0.13201	0.14925	0.15582	0.15156	0.13993	0.12001	0.095007	0.065721	0.033577
1.26	0.062640	0.10915	0.14093	0.15935	0.16585	0.16185	0.14880	0.12818	0.10148	0.077021	0.035866
1.28	0.066794	0.11641	0.15031	0.16998	0.17693	0.17268	0.15877	0.13678	0.10829	0.074917	0.038276
1.30	0.071158	0.12403	0.16017	0.18116	0.18858	0.18407	0.16926	0.14582	0.11546	0.079880	0.040813
1.32	0.075740	0.13204	0.17053	0.19290	0.20088	0.19637	0.18029	0.15584	0.12802	0.085101	0.043482
1.34	0.080549	0.14044	0.18141	0.20524	0.21370	0.20868	0.19188	0.16584	0.13098	0.090589	0.046287
1.36	0.085592	0.14925	0.19288	0.21818	0.22721	0.22184	0.20405	0.17584	0.13925	0.096855	0.049225
1.38	0.090879	0.15850	0.20481	0.23177	0.24189	0.23571	0.21688	0.18687	0.14800	0.10241	0.052881
1.40	0.096418	0.16819	0.21736	0.24601	0.25626	0.25027	0.23025	0.19845	0.15718	0.10877	0.055589
1.42	0.10222	0.17884	0.23052	0.26095	0.27196	0.26554	0.24482	0.21060	0.16682	0.11545	0.058395
1.44	0.10829	0.18997	0.24480	0.27660	0.28820	0.28154	0.25908	0.22835	0.17638	0.12445	0.062575
1.46	0.11465	0.20010	0.25974	0.29299	0.30558	0.29882	0.27455	0.23671	0.18758	0.12979	0.066831
1.48	0.12129	0.21174	0.27384	0.31015	0.32327	0.31589	0.29076	0.25071	0.19964	0.13749	0.070261
1.50	0.12824	0.22392	0.28965	0.32812	0.34206	0.33430	0.30775	0.26589	0.21028	0.14556	0.074896
1.52	0.13550	0.23665	0.30619	0.34652	0.36172	0.35358	0.32554	0.28076	0.22449	0.15402	0.078721
1.54	0.14309	0.24996	0.32348	0.36558	0.38230	0.37375	0.34417	0.29636	0.23827	0.16288	0.083259
1.56	0.15102	0.26387	0.34156	0.38715	0.40888	0.39987	0.36867	0.31872	0.24866	0.17216	0.088000
1.58	0.15930	0.27840	0.36045	0.40866	0.42685	0.41697	0.38478	0.33187	0.26267	0.18188	0.092972
1.60	0.16794	0.29358	0.38019	0.43114	0.44990	0.44008	0.40513	0.34985	0.27735	0.19205	0.098178
1.62	0.17695	0.30942	0.40082	0.45464	0.47452	0.46426	0.42778	0.36918	0.29271	0.20271	0.10363
1.64	0.18636	0.32597	0.42236	0.47919	0.50026	0.48954	0.45115	0.38942	0.31878	0.21386	0.10934
1.66	0.19617	0.34323	0.44485	0.50484	0.52717	0.51597	0.47560	0.41050	0.32561	0.22558	0.11531
1.68	0.20641	0.36125	0.46834	0.53164	0.55529	0.54361	0.50118	0.43278	0.34821	0.23774	0.12156

TABLE III - VALUES OF THE COEFFICIENT C_S - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	1/2	7/12	8/12	9/12	10/12	11/12
1.70	0.21708	0.38005	0.49286	0.55969	0.59467	0.57251	0.52792	0.45589	0.36169	0.25058	0.12810
1.72	0.22821	0.39566	0.51845	0.58826	0.61587	0.60272	0.55589	0.48013	0.38091	0.26890	0.13995
1.74	0.23881	0.40512	0.53517	0.61939	0.64745	0.63429	0.58518	0.50547	0.40107	0.27790	0.14212
1.76	0.25191	0.41146	0.57305	0.65127	0.67997	0.66729	0.61571	0.53129	0.42217	0.29255	0.14962
1.78	0.26451	0.41372	0.60215	0.68458	0.71298	0.70179	0.64769	0.55972	0.44426	0.30788	0.15747
1.80	0.27765	0.41693	0.63252	0.71980	0.75257	0.73785	0.68113	0.58874	0.46794	0.32393	0.16569
1.82	0.29194	0.51118	0.66421	0.75562	0.79000	0.77555	0.71610	0.61909	0.49152	0.34072	0.17429
1.84	0.30560	0.59638	0.69728	0.79353	0.83074	0.81456	0.75268	0.65084	0.51681	0.35830	0.18330
1.86	0.32047	0.58271	0.73175	0.83312	0.87248	0.85616	0.79098	0.68407	0.54829	0.37670	0.19272
1.88	0.33596	0.59016	0.76782	0.87446	0.91610	0.89924	0.83095	0.71884	0.57100	0.39597	0.20260
1.90	0.35210	0.61880	0.80542	0.91765	0.96168	0.94429	0.87282	0.75524	0.60002	0.41614	0.21294
1.92	0.36892	0.64867	0.84467	0.96276	1.00793	0.99141	0.91664	0.79394	0.63041	0.43728	0.22377
1.94	0.38646	0.67983	0.88565	1.00959	1.05922	1.04407	0.96249	0.83823	0.66228	0.45942	0.23512
1.96	0.40474	0.71235	0.92844	1.05922	1.1118	1.0928	1.0105	0.87501	0.69573	0.48261	0.24701
1.98	0.42380	0.74627	0.97813	1.1106	1.1658	1.1463	1.0508	0.91877	0.73032	0.50693	0.25948
2.00	0.44367	0.78168	1.0198	1.1645	1.2224	1.2028	1.1134	0.96463	0.76714	0.53243	0.27256
2.02	0.46439	0.81864	1.0686	1.2207	1.2824	1.2619	1.1686	1.0127	0.80555	0.55917	0.28627
2.04	0.48600	0.85723	1.1196	1.2796	1.3449	1.3239	1.2264	1.0631	0.84588	0.58723	0.30066
2.06	0.50855	0.89754	1.1729	1.3412	1.4103	1.3889	1.2870	1.1160	0.88810	0.61667	0.31577
2.08	0.53209	0.93965	1.2286	1.4057	1.4783	1.4569	1.3506	1.1715	0.93247	0.64759	0.33164
2.10	0.55666	0.98365	1.2869	1.4732	1.5546	1.5283	1.4173	1.2297	0.97907	0.68007	0.34831
2.12	0.58231	1.0297	1.3479	1.5439	1.6258	1.6032	1.4873	1.2909	1.0280	0.71421	0.36583
2.14	0.60911	1.0778	1.4118	1.6180	1.7048	1.6814	1.5609	1.3552	1.0795	0.75011	0.38426
2.16	0.63713	1.1281	1.4787	1.6958	1.7876	1.7644	1.6382	1.4227	1.1336	0.78787	0.40366
2.18	0.66641	1.1808	1.5489	1.7773	1.8746	1.8512	1.7195	1.4988	1.1906	0.82763	0.42407
2.20	0.69705	1.2360	1.6224	1.8628	1.9660	1.9424	1.8048	1.5687	1.2506	0.86951	0.44559
2.22	0.72911	1.2939	1.6995	1.9527	2.0610	2.0383	1.8950	1.6475	1.3138	0.91365	0.46826
2.24	0.76268	1.3546	1.7805	2.0471	2.1600	2.1393	1.9838	1.7306	1.3805	0.96021	0.49219
2.26	0.79796	1.4182	1.8656	2.1465	2.2694	2.2458	2.0897	1.8182	1.4508	1.0094	0.51745
2.28	0.83475	1.4850	1.9551	2.2510	2.3814	2.3580	2.1952	1.9107	1.5251	1.0613	0.54414
2.30	0.87345	1.5552	2.0492	2.3611	2.4996	2.4764	2.3066	2.0085	1.6087	1.1162	0.57287
2.32	0.91409	1.6291	2.1482	2.4771	2.6242	2.6014	2.4242	2.1119	1.6967	1.1743	0.60224
2.34	0.95660	1.7068	2.2527	2.5936	2.7558	2.7336	2.5487	2.2213	1.7747	1.2358	0.63390
2.36	1.0017	1.7887	2.3628	2.7289	2.8920	2.8704	2.6806	2.3372	1.8680	1.3011	0.66747
2.38	1.0491	1.8750	2.4791	2.8656	3.0423	3.0216	2.8203	2.4601	1.9669	1.3703	0.70311

TABLE III - VALUES OF THE COEFFICIENT C_S - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	1/2	7/12	8/12	9/12	10/12	11/12
2.10	1.0989	1.9661	2.6021	3.0108	3.1984	3.1787	2.9686	2.5907	2.0721	1.4440	0.74100
2.12	1.1515	2.0424	2.7322	3.1686	3.1689	3.1455	2.9262	2.7235	2.1889	1.5228	0.78132
2.14	1.2071	2.1044	2.8701	3.3268	3.5898	3.5228	3.2989	2.8770	2.3570	1.6058	0.82429
2.16	1.2659	2.2724	3.0165	3.4992	3.7268	3.7116	3.4725	3.0849	2.4800	1.6843	0.87014
2.18	1.3282	2.3469	3.1720	3.6831	3.9260	3.9129	3.6631	3.2081	2.5657	1.7899	0.91914
2.20	1.3942	2.5087	3.3374	3.8791	4.1885	4.1278	3.8668	3.3829	2.7109	1.8918	0.97160
2.22	1.4288	2.5725	3.4242	3.9820	4.2502	4.2408	3.9739	3.4776	2.7878	1.9454	0.99223
2.24	1.4645	2.6384	3.5189	4.0883	4.3657	4.3578	4.0849	3.5756	2.8665	2.0009	1.0278
2.26	1.5012	2.7068	3.6065	4.1983	4.4851	4.4788	4.1937	3.6771	2.9485	2.0585	1.0575
2.28	1.5392	2.7766	3.7023	4.3121	4.6088	4.6041	4.3167	3.7824	3.0385	2.1182	1.0883
2.30	1.5784	2.8492	3.8014	4.4298	4.7369	4.7340	4.4421	3.8915	3.1217	2.1801	1.1202
2.32	1.6189	2.9243	3.9039	4.5518	4.8697	4.8687	4.5700	4.0047	3.2132	2.2444	1.1533
2.34	1.6608	3.0020	4.0101	4.6782	5.0078	5.0084	4.7027	4.1212	3.3088	2.3111	1.1877
2.36	1.7041	3.0824	4.1202	4.8092	5.1501	5.1593	4.8406	4.2412	3.4070	2.3804	1.2285
2.38	1.7490	3.1657	4.2342	4.9451	5.2982	5.3089	4.9888	4.3711	3.5096	2.4525	1.2606
2.40	1.7954	3.2521	4.3525	5.0862	5.4522	5.4608	5.1326	4.5029	3.6169	2.5275	1.2998
2.42	1.8435	3.3417	4.4754	5.2328	5.6121	5.6208	5.2875	4.6402	3.7273	2.6055	1.3395
2.44	1.8934	3.4346	4.6029	5.3851	5.7784	5.7922	5.4406	4.7830	3.8480	2.6868	1.3815
2.46	1.9452	3.5312	4.7355	5.5435	5.9515	5.9684	5.6165	4.9319	3.9635	2.7715	1.4252
2.48	1.9989	3.6315	4.8724	5.7084	6.1318	6.1519	5.7914	5.0871	4.0892	2.8599	1.4708
2.50	2.0548	3.7359	5.0169	5.8801	6.3197	6.3438	5.9739	5.2490	4.2204	2.9521	1.5184
2.52	2.1128	3.8445	5.1664	6.0591	6.5156	6.5400	6.1648	5.4180	4.3574	3.0485	1.5681
2.54	2.1733	3.9576	5.3222	6.2459	6.7201	6.7516	6.3633	5.5947	4.5006	3.1492	1.6201
2.56	2.2362	4.0756	5.4849	6.4408	6.9397	6.9695	6.5714	5.7795	4.6508	3.2546	1.6745
2.58	2.3018	4.1986	5.6547	6.6446	7.1571	7.1975	6.7891	5.9729	4.8072	3.3650	1.7314
2.60	2.3708	4.3272	5.8322	6.8577	7.3908	7.4362	7.0171	6.1756	4.9716	3.4807	1.7911
2.62	2.4418	4.4616	6.0179	7.0804	7.6857	7.7364	7.2562	6.3881	5.1440	3.6020	1.8538
2.64	2.5166	4.6022	6.2124	7.3146	7.8925	7.9489	7.5071	6.6112	5.3250	3.7235	1.9196
2.66	2.5949	4.7496	6.4168	7.5593	8.1621	8.2246	7.7707	6.8557	5.5153	3.8635	1.9888
2.68	2.6769	4.9041	6.6304	7.8176	8.4454	8.5144	8.0480	7.0924	5.7156	4.0046	2.0616
2.70	2.7630	5.0664	6.8554	8.0885	8.7454	8.8194	8.3899	7.3528	5.9266	4.1532	2.1384
2.72	2.8534	5.2370	7.0920	8.3788	9.0574	9.1410	8.678	7.6263	6.1492	4.3100	2.2194
2.74	2.9484	5.4167	7.3414	8.6746	9.3886	9.4808	8.9727	7.9157	6.3848	4.4756	2.3049
2.76	3.0486	5.6060	7.6045	8.9921	9.7384	9.8888	9.3162	8.2217	6.6823	4.6508	2.3954
2.78	3.1542	5.8060	7.8825	9.3278	10.108	10.218	9.6759	8.5457	6.8962	4.8364	2.4913

TABLE III - VALUES OF THE COEFFICIENT C_8 - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	1/2	7/12	8/12	9/12	10/12	11/12
2.80	3.2658	6.0174	8.1167	9.6882	10.501	10.620	10.065	8.8834	7.1756	5.0833	2.5931
2.81	3.2839	6.2413	8.4885	10.060	10.917	11.047	10.175	9.2545	7.4724	5.2426	2.7012
2.82	3.3091	6.4789	8.8195	10.461	11.859	11.501	10.911	9.6429	7.7883	5.4653	2.8163
2.83	3.3421	6.7815	9.1717	10.861	11.880	11.985	11.875	10.057	8.1251	5.7029	2.9391
2.84	3.37086	7.0005	9.5472	11.342	12.332	12.502	11.871	10.499	8.4850	5.9567	3.0708
2.85	3.3945	7.2876	9.9482	11.828	12.870	13.054	12.401	10.973	8.8703	6.2285	3.2107
2.86	3.4159	7.5948	10.377	12.348	13.446	13.646	12.570	11.481	9.2837	6.5201	3.3615
2.87	3.4387	7.9243	10.838	12.908	14.064	14.283	13.582	12.027	9.7289	6.8338	3.5237
2.88	3.4540	8.2785	11.334	13.509	14.731	14.969	14.241	12.616	10.208	7.1722	3.6986
2.89	3.4646	8.6605	11.869	14.159	15.451	15.710	14.974	13.259	10.726	7.5380	3.8878
2.90	3.4709	9.0737	12.448	14.868	16.231	16.513	15.726	13.943	11.288	7.9349	4.0930
2.91	3.4754	9.5220	13.076	15.627	17.078	17.386	16.566	14.694	11.900	8.3667	4.3163
2.92	3.4806	10.010	13.761	16.461	18.003	18.389	17.483	15.514	12.568	8.8389	4.5602
2.93	3.4894	10.544	14.511	17.373	19.015	19.983	18.488	16.412	13.300	9.3558	4.8276
2.94	3.4954	11.130	15.334	18.376	20.128	20.581	19.594	17.401	14.106	9.9244	5.1220
2.95	3.4987	11.777	16.243	19.403	21.258	21.800	20.816	18.495	14.997	10.554	5.4476
2.96	3.5055	12.494	17.252	20.713	22.724	22.209	22.174	19.710	15.988	11.254	5.8096
2.97	3.5132	13.294	18.377	22.085	24.250	24.784	23.692	21.068	17.097	12.036	6.2143
2.98	3.5208	14.192	19.641	23.628	25.965	26.555	25.899	22.516	18.342	12.916	6.6697
2.99	3.5292	15.208	21.072	25.874	27.907	28.561	27.833	24.827	19.758	13.914	7.1859
3.00	3.5374	16.366	22.701	27.366	30.124	30.851	29.541	26.305	21.347	15.054	7.7757
3.01	3.5441	17.699	24.583	29.662	32.678	33.491	32.087	28.585	23.227	16.368	8.4559
3.02	3.5510	19.250	26.770	32.334	35.658	36.567	35.054	31.242	25.595	17.900	9.2487
3.03	3.5578	21.078	29.348	35.485	39.162	40.195	38.555	34.378	27.558	19.709	10.185
3.04	3.5652	23.268	32.433	39.257	43.368	44.589	42.747	38.134	31.018	21.875	11.306
3.05	3.5733	25.924	36.190	43.850	48.432	49.883	47.857	42.713	34.755	24.517	12.678
3.06	3.5819	29.285	40.866	49.572	54.857	56.423	54.223	48.118	39.412	27.809	14.877
3.07	3.5903	33.463	46.847	56.891	63.013	64.867	62.871	55.720	45.872	32.022	16.557
3.08	3.5988	39.074	54.767	76.545	73.810	75.049	73.168	65.397	53.272	37.608	19.448
3.09	3.6076	46.889	65.755	80.036	88.816	91.570	80.156	78.882	64.240	45.362	23.462
3.10	3.6136	58.457	82.024	99.944	111.03	114.56	110.36	98.794	80.487	56.850	29.408
3.11	3.6164	77.445	108.59	132.48	147.30	152.10	146.62	131.24	107.08	75.617	39.128
3.12	3.6195	113.82	159.75	195.18	217.17	224.49	216.48	193.08	158.17	111.78	57.840
3.13	3.6233	211.91	299.16	365.86	407.59	421.57	406.89	364.59	297.55	210.34	108.86
3.14	3.6271	1548.3	2189.1	2680.6	2989.3	3034.4	2988.6	2679.3	2187.5	1546.7	800.62

TABLE III - VALUES OF THE COEFFICIENT c_5 - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	1/2	7/12	8/12	9/12	10/12	11/12
3.15	-152.15	-294.40	-416.88	-511.11	-570.56	-591.10	-571.27	-512.41	-418.52	-296.01	-153.25
3.16	-69.607	-134.95	-191.39	-234.95	-262.55	-272.23	-263.28	-236.28	-193.06	-136.58	-70.721
3.17	-45.173	-87.749	-124.65	-153.22	-171.40	-177.87	-172.13	-154.56	-126.34	-85.406	-46.301
3.18	-33.457	-65.123	-92.659	-114.04	-127.71	-132.64	-128.46	-115.41	-94.372	-66.802	-34.601
3.19	-26.578	-51.640	-73.881	-91.054	-102.07	-106.11	-102.83	-92.434	-75.640	-53.532	-27.737
3.20	-22.052	-43.102	-61.530	-75.985	-85.218	-88.666	-85.987	-77.334	-63.291	-44.826	-23.226
3.21	-18.846	-36.914	-52.788	-65.285	-74.291	-76.324	-74.070	-66.658	-54.572	-38.662	-20.035
3.22	-16.455	-32.302	-46.272	-57.263	-64.407	-67.132	-65.196	-58.700	-48.081	-34.073	-17.660
3.23	-14.602	-28.730	-41.225	-51.093	-57.533	-60.022	-58.833	-52.551	-43.061	-30.525	-15.824
3.24	-13.125	-25.882	-37.208	-46.177	-52.057	-54.354	-52.868	-47.654	-39.065	-27.700	-14.362
3.25	-11.917	-23.556	-34.927	-42.167	-47.591	-49.742	-48.413	-43.663	-35.809	-25.399	-13.171
3.26	-10.912	-21.621	-31.199	-38.838	-43.580	-45.506	-44.718	-40.350	-33.106	-23.489	-12.183
3.27	-10.062	-19.986	-28.891	-36.018	-40.747	-42.669	-41.592	-37.555	-30.826	-21.878	-11.319
3.28	-9.332	-18.584	-26.920	-33.608	-38.068	-39.902	-38.923	-35.166	-28.878	-20.501	-10.637
3.29	-8.7010	-17.370	-25.210	-31.523	-35.749	-37.508	-36.616	-33.101	-27.194	-19.312	-10.022
3.30	-8.1471	-16.307	-23.715	-29.700	-33.724	-35.418	-34.608	-31.300	-25.726	-18.274	-9.4851
3.31	-7.6577	-15.368	-22.896	-28.093	-31.989	-33.577	-32.880	-29.714	-24.433	-17.362	-9.0130
3.32	-7.2217	-14.533	-21.224	-26.665	-30.355	-31.943	-31.257	-28.308	-23.287	-16.558	-8.5947
3.33	-6.8303	-13.785	-20.174	-25.381	-28.933	-30.404	-29.853	-27.053	-22.265	-15.881	-8.2215
3.34	-6.4780	-13.111	-19.229	-24.240	-27.666	-29.173	-28.592	-25.926	-21.343	-15.183	-7.8866
3.35	-6.1597	-12.500	-18.373	-23.201	-26.515	-27.989	-27.453	-24.909	-20.520	-14.599	-7.5846
3.36	-5.8660	-11.943	-17.595	-22.256	-25.470	-26.913	-26.421	-24.087	-19.769	-14.070	-7.3110
3.37	-5.5984	-11.434	-16.983	-21.393	-24.516	-25.938	-25.479	-23.147	-19.086	-13.588	-7.0619
3.38	-5.3523	-10.966	-16.230	-20.601	-23.642	-25.046	-24.618	-22.379	-18.462	-13.148	-6.8345
3.39	-5.1248	-10.534	-15.628	-19.875	-22.839	-24.212	-23.828	-21.675	-17.889	-12.744	-6.6259
3.40	-4.9139	-10.134	-15.072	-19.203	-22.098	-23.452	-23.100	-21.026	-17.362	-12.373	-6.4341
3.41	-4.7186	-9.762	-14.576	-18.602	-20.776	-22.698	-21.804	-19.873	-16.826	-11.974	-6.2596
3.42	-4.5384	-9.4172	-14.109	-18.059	-20.028	-22.028	-20.686	-19.080	-16.420	-11.647	-6.0909
3.43	-4.3723	-9.0911	-13.677	-17.537	-19.280	-21.308	-19.713	-18.016	-16.021	-11.342	-5.9372
3.44	-4.2199	-8.7836	-13.271	-17.037	-18.547	-20.570	-18.859	-17.259	-15.638	-11.055	-5.7924
3.45	-4.0777	-8.5055	-12.891	-16.557	-17.829	-20.010	-18.359	-17.026	-15.289	-10.785	-5.6554
3.46	-3.9421	-8.2460	-12.522	-16.081	-17.136	-19.214	-17.882	-16.598	-14.961	-10.531	-5.5244
3.47	-3.8121	-8.0000	-12.173	-15.621	-16.461	-18.505	-17.482	-16.291	-14.651	-10.285	-5.3979
3.48	-3.6877	-7.7747	-11.837	-15.177	-15.809	-17.747	-17.098	-15.995	-14.369	-10.055	-5.2754
3.49	-3.5686	-7.5686	-11.507	-14.744	-15.280	-17.010	-16.688	-15.709	-14.102	-9.8461	-5.1584
3.50	-3.4546	-7.3791	-11.197	-14.331	-14.776	-16.514	-16.291	-15.451	-13.849	-9.6411	-5.0444
3.51	-3.3456	-7.1941	-10.907	-13.937	-14.280	-16.028	-15.882	-15.198	-13.601	-9.4461	-4.9354
3.52	-3.2416	-7.0222	-10.637	-13.551	-13.800	-15.565	-15.486	-14.770	-13.371	-9.2511	-4.8304
3.53	-3.1426	-6.8542	-10.377	-13.181	-13.390	-15.062	-15.028	-14.470	-13.151	-9.0654	-4.7284
3.54	-3.0486	-6.6901	-10.127	-12.827	-12.980	-14.547	-14.513	-14.259	-12.941	-8.8894	-4.6294
3.55	-2.9596	-6.5300	-9.877	-12.481	-12.580	-14.076	-14.042	-13.801	-12.741	-8.7184	-4.5344
3.56	-2.8756	-6.3739	-9.631	-12.141	-12.180	-13.609	-13.575	-13.341	-12.541	-8.5514	-4.4434
3.57	-2.7966	-6.2218	-9.391	-11.801	-11.780	-13.137	-13.103	-12.871	-12.341	-8.3844	-4.3564
3.58	-2.7226	-6.0737	-9.151	-11.461	-11.440	-12.685	-12.651	-12.421	-12.141	-8.2214	-4.2734

TABLE III - VALUES OF THE COEFFICIENT C_5 - CONTINUED

λ	RATIO \bar{z}/L											
	1/12	2/12	3/12	4/12	5/12	1/2	7/12	8/12	9/12	10/12	11/12	
3.61	-2.4876	-5.6166	-8.8829	-11.8218	-14.066	-15.863	-15.861	-14.183	-11.834	-8.5989	-4.4859	
3.62	-2.8906	-5.8518	-8.5800	-11.4119	-13.681	-14.872	-14.560	-13.884	-11.556	-8.3004	-4.3832	
3.64	-2.2023	-5.1031	-8.2015	-11.040	-13.230	-14.476	-14.258	-13.516	-11.204	-7.9678	-4.2468	
3.66	-2.0715	-4.8699	-7.8947	-10.688	-12.860	-14.113	-13.258	-12.227	-10.075	-7.5673	-4.1640	
3.68	-1.9474	-4.6498	-7.6069	-10.360	-12.518	-13.778	-12.951	-12.964	-10.867	-7.3289	-4.0929	
3.70	-1.8290	-4.4413	-7.3360	-10.059	-12.199	-13.469	-12.669	-12.722	-10.677	-7.0937	-4.0267	
3.72	-1.7158	-4.2480	-7.0801	-9.7653	-11.902	-13.183	-12.409	-12.502	-10.505	-6.8755	-3.9667	
3.74	-1.6072	-4.0589	-6.8376	-9.4941	-11.624	-12.916	-12.169	-12.299	-10.347	-6.6682	-3.9124	
3.76	-1.5025	-3.8729	-6.6063	-9.2381	-11.364	-12.669	-12.948	-12.113	-10.204	-6.4708	-3.8632	
3.78	-1.4014	-3.6991	-6.3870	-8.9957	-11.119	-12.438	-12.748	-11.943	-10.078	-6.2824	-3.8187	
3.80	-1.3034	-3.5318	-6.1766	-8.7656	-10.889	-12.223	-12.558	-11.787	-9.9588	-6.1024	-3.7786	
3.82	-1.2082	-3.3701	-5.9746	-8.5416	-10.671	-12.021	-12.378	-11.643	-9.8452	-5.9300	-3.7425	
3.84	-1.1154	-3.2136	-5.7808	-8.3277	-10.466	-11.832	-12.215	-11.511	-9.7454	-5.7647	-3.7101	
3.86	-1.0248	-3.0617	-5.5987	-8.1378	-10.271	-11.655	-12.064	-11.390	-9.6538	-5.6059	-3.6811	
3.88	-0.93606	-2.9137	-5.4129	-7.9462	-10.086	-11.489	-11.923	-11.279	-9.5757	-5.4533	-3.6554	
3.90	-0.84997	-2.7694	-5.2373	-7.7622	-9.9095	-11.333	-11.793	-11.178	-9.5025	-5.3055	-3.6326	
3.92	-0.76838	-2.6283	-5.0677	-7.5850	-9.7418	-11.185	-11.672	-11.085	-9.4368	-5.1650	-3.6127	
3.94	-0.67894	-2.4901	-4.9021	-7.4140	-9.5816	-11.046	-11.560	-11.001	-9.3780	-5.0385	-3.5954	
3.96	-0.59562	-2.3543	-4.7407	-7.2487	-9.4284	-10.916	-11.456	-10.924	-9.3257	-4.9169	-3.5807	
3.98	-0.51820	-2.2207	-4.5880	-7.0885	-9.2817	-10.792	-11.340	-10.834	-9.2797	-4.8007	-3.5688	
4.00	-0.44153	-2.0890	-4.4285	-6.9350	-9.1409	-10.675	-11.271	-10.792	-9.2395	-4.6869	-3.5582	
4.02	-0.35049	-1.9590	-4.2769	-6.7818	-9.0056	-10.565	-11.198	-10.735	-9.2049	-4.5782	-3.5500	
4.04	-0.26392	-1.8303	-4.1279	-6.6345	-8.8759	-10.460	-11.112	-10.685	-9.1757	-4.4718	-3.5445	
4.06	-0.18573	-1.7029	-3.9813	-6.4907	-8.7498	-10.361	-11.042	-10.641	-9.1515	-4.3683	-3.5406	
4.08	-0.10978	-1.5768	-3.8366	-6.3501	-8.6286	-10.268	-10.977	-10.608	-9.1322	-4.2688	-3.5387	
4.10	-0.029987	-1.4506	-3.6936	-6.2124	-8.5113	-10.179	-10.918	-10.569	-9.1176	-4.1739	-3.5386	
4.12	0.049763	-1.3254	-3.5521	-6.0772	-8.3978	-10.095	-10.865	-10.541	-9.1075	-4.0803	-3.5404	
4.14	0.12956	-1.2006	-3.4118	-5.9444	-8.2877	-10.015	-10.816	-10.518	-9.1018	-4.0380	-3.5439	
4.16	0.20950	-1.0761	-3.2726	-5.8196	-8.1848	-9.9394	-10.771	-10.499	-9.1004	-4.0389	-3.5491	
4.18	0.28966	-0.95163	-3.1342	-5.6947	-8.0878	-9.8676	-10.731	-10.486	-9.1000	-4.0709	-3.5560	
4.20	0.37014	-0.82709	-2.9964	-5.5574	-7.9975	-9.7994	-10.696	-10.476	-9.1037	-4.0719	-3.5635	
4.22	0.45099	-0.70233	-2.8590	-5.4314	-7.9167	-9.7348	-10.664	-10.471	-9.1208	-4.0780	-3.5746	
4.24	0.53282	-0.57721	-2.7219	-5.3067	-7.8382	-9.6734	-10.637	-10.470	-9.1488	-4.0829	-3.5894	
4.26	0.61418	-0.45159	-2.5848	-5.1880	-7.7658	-9.6152	-10.614	-10.478	-9.1788	-4.0956	-3.6081	
4.28	0.69665	-0.32586	-2.4476	-5.0600	-7.6993	-9.5600	-10.594	-10.481	-9.2150	-4.1150	-3.6315	

TABLE III - VALUES OF THE COEFFICIENT C_L - CONTINUED

λ	RATIO λ/L										
	1/12	2/12	3/12	4/12	5/12	1/2	7/12	8/12	9/12	10/12	11/12
4.80	0.77981	-0.19887	-2.3102	-4.5878	-7.5016	-9.5076	-10.578	-10.932	-9.2007	-6.8251	-3.6309
4.82	0.86371	-0.070504	-2.1723	-4.6160	-7.4185	-9.4579	-10.565	-10.507	-8.2800	-6.8585	-3.6388
4.84	0.94844	0.058359	-2.0389	-4.6945	-7.3255	-9.4108	-10.556	-10.526	-8.2629	-6.8857	-3.6683
4.86	1.0341	0.18884	-1.8948	-4.5731	-7.2335	-9.3632	-10.557	-10.549	-8.2394	-6.9208	-3.6898
4.88	1.1206	0.31956	-1.7547	-4.4518	-7.1543	-9.3289	-10.548	-10.575	-8.2395	-6.9586	-3.7119
4.90	1.2082	0.45218	-1.6137	-4.3303	-7.0702	-9.2898	-10.548	-10.605	-8.2832	-6.9992	-3.7360
4.92	1.2969	0.58618	-1.4714	-4.2085	-6.9863	-9.2460	-10.552	-10.689	-8.3804	-7.0427	-3.7616
4.94	1.3867	0.72181	-1.3279	-4.0858	-6.9045	-9.2102	-10.559	-10.676	-8.4812	-7.0890	-3.7888
4.96	1.4773	0.85915	-1.1829	-3.9635	-6.8227	-9.1764	-10.569	-10.717	-8.5857	-7.1382	-3.8177
4.98	1.5701	0.99832	-1.0368	-3.8400	-6.7415	-9.1445	-10.582	-10.762	-8.6937	-7.1902	-3.8481
5.00	1.6638	1.1354	-0.88798	-3.7156	-6.6607	-9.1135	-10.598	-10.811	-8.8054	-7.2452	-3.8801
5.02	1.7590	1.2826	-0.73777	-3.5901	-6.5802	-9.0838	-10.618	-10.868	-8.9209	-7.3032	-3.9138
5.04	1.8556	1.4280	-0.58552	-3.4636	-6.4999	-9.0537	-10.640	-10.919	-9.0390	-7.3642	-3.9492
5.06	1.9538	1.5756	-0.43110	-3.3357	-6.4198	-9.0239	-10.665	-10.979	-9.1630	-7.4283	-3.9865
5.08	2.0536	1.7257	-0.27435	-3.2065	-6.3396	-9.0116	-10.693	-11.042	-9.2898	-7.4955	-4.0251
5.10	2.1552	1.8784	-0.11512	-3.0756	-6.2598	-8.9898	-10.724	-11.110	-10.021	-7.5659	-4.0657
5.12	2.2585	2.0337	0.046747	-2.9430	-6.1789	-8.9636	-10.758	-11.181	-10.105	-7.6395	-4.1082
5.14	2.3638	2.1919	0.21141	-2.8086	-6.0981	-8.9338	-10.795	-11.256	-10.194	-7.7165	-4.1525
5.16	2.4709	2.3531	0.37908	-2.6721	-6.0169	-8.9034	-10.835	-11.335	-10.287	-7.7970	-4.1988
5.18	2.5801	2.5173	0.54978	-2.5335	-5.9351	-8.8719	-10.878	-11.419	-10.385	-7.8809	-4.2470
5.20	2.6915	2.6849	0.72088	-2.3926	-5.8527	-8.8027	-10.925	-11.506	-10.486	-7.9684	-4.2973
5.22	2.8050	2.8558	0.90135	-2.2491	-5.7696	-8.8898	-10.974	-11.598	-10.592	-8.0597	-4.3496
5.24	2.9209	3.0308	1.08375	-2.1080	-5.6856	-8.8771	-11.026	-11.694	-10.708	-8.1548	-4.4041
5.26	3.0391	3.2086	1.2676	-1.9541	-5.6006	-8.8642	-11.082	-11.795	-10.819	-8.2588	-4.4608
5.28	3.1599	3.3968	1.4537	-1.8022	-5.5146	-8.8564	-11.141	-11.900	-10.939	-8.3569	-4.5199
5.30	3.2832	3.5770	1.6501	-1.6471	-5.4278	-8.8478	-11.203	-12.010	-11.065	-8.4632	-4.5813
5.32	3.4093	3.7676	1.8479	-1.4886	-5.3387	-8.8404	-11.269	-12.125	-11.195	-8.5758	-4.6451
5.34	3.5382	3.9626	2.0504	-1.3265	-5.2457	-8.8340	-11.338	-12.245	-11.332	-8.6920	-4.7116
5.36	3.6701	4.1622	2.2579	-1.1606	-5.1571	-8.8288	-11.411	-12.370	-11.473	-8.8126	-4.7806
5.38	3.8050	4.3669	2.4706	-0.99078	-5.0637	-8.8246	-11.487	-12.500	-11.621	-8.9384	-4.8525
5.40	3.9431	4.5766	2.6887	-0.81668	-4.9685	-8.8214	-11.567	-12.636	-11.774	-9.0691	-4.9271
5.42	4.0846	4.7917	2.9126	-0.63811	-4.8712	-8.8193	-11.651	-12.776	-11.934	-9.2051	-5.0048
5.44	4.2296	5.0123	3.1424	-0.45482	-4.7719	-8.8181	-11.738	-12.925	-12.100	-9.3465	-5.0856
5.46	4.3782	5.2389	3.3785	-0.26694	-4.6703	-8.8180	-11.830	-13.079	-12.273	-9.4935	-5.1696
5.48	4.5306	5.4715	3.6213	-0.073002	-4.5661	-8.8188	-11.926	-13.239	-12.458	-9.6465	-5.2570

TABLE III - VALUES OF THE COEFFICIENT C_6 - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	1/2	7/12	8/12	9/12	10/12	11/12
5.00	4.6870	5.7107	8.8711	0.12609	-4.4598	-8.8205	-12.026	-13.406	-12.640	-9.8857	-5.3479
5.02	4.8476	5.9165	4.1231	0.83105	-4.3496	-8.8232	-12.131	-13.579	-12.885	-9.9714	-5.4425
5.04	5.0125	6.2095	4.3523	0.54213	-4.2869	-8.8263	-12.241	-13.760	-13.088	-10.144	-5.5405
5.06	5.1819	6.4698	4.6157	0.75988	-4.1210	-8.8314	-12.355	-13.949	-13.249	-10.328	-5.6487
5.08	5.3562	6.7380	4.9471	0.98347	-4.0016	-8.8361	-12.474	-14.115	-13.469	-10.510	-5.7502
5.10	5.5354	7.0144	5.2375	1.2164	-3.8786	-8.8411	-12.599	-14.850	-13.639	-10.705	-5.8614
5.12	5.7199	7.2994	5.5878	1.4560	-3.7516	-8.8461	-12.729	-14.568	-13.937	-10.908	-5.9772
5.14	5.9099	7.5934	5.8471	1.7088	-3.6234	-8.8514	-12.865	-14.785	-14.186	-11.119	-6.0980
5.16	6.1057	7.8970	6.1674	1.9602	-3.4947	-8.8578	-13.006	-15.017	-14.446	-11.340	-6.2240
5.18	6.3075	8.2104	6.4969	2.2257	-3.3648	-8.8643	-13.154	-15.259	-14.717	-11.570	-6.3554
5.20	6.5158	8.5393	6.8420	2.5018	-3.1983	-8.8777	-13.309	-15.511	-14.999	-11.810	-6.4926
5.22	6.7308	8.8703	7.1970	2.7865	-3.0479	-8.8951	-13.470	-15.774	-15.294	-12.061	-6.6359
5.24	6.9529	9.2176	7.5664	3.0830	-2.8912	-8.9114	-13.638	-16.049	-15.602	-12.323	-6.7856
5.26	7.1825	9.5774	7.9491	3.3910	-2.7288	-8.9245	-13.814	-16.387	-15.924	-12.597	-6.9422
5.28	7.4201	9.9504	8.3466	3.7118	-2.5589	-8.9384	-13.998	-16.687	-16.261	-12.888	-7.1059
5.30	7.6661	10.338	8.7598	4.0447	-2.3828	-8.9532	-14.191	-16.951	-16.613	-13.185	-7.2774
5.32	7.9209	10.739	9.1896	4.3921	-2.1983	-8.9687	-14.392	-17.280	-16.982	-13.497	-7.4570
5.34	8.1852	11.157	9.6372	4.7544	-2.0062	-8.9851	-14.603	-17.624	-17.369	-13.826	-7.6452
5.36	8.4596	11.592	10.104	5.1325	-1.8054	-9.0022	-14.824	-17.985	-17.774	-14.171	-7.8427
5.38	8.7445	12.044	10.590	5.5276	-1.5953	-9.0202	-15.055	-18.364	-18.200	-14.534	-8.0500
5.40	9.0404	12.516	11.099	5.9409	-1.3758	-9.0390	-15.298	-18.761	-18.646	-14.914	-8.2679
5.42	9.3493	13.008	11.630	6.3734	-1.1446	-9.0585	-15.558	-19.179	-19.116	-15.315	-8.4971
5.44	9.6707	13.522	12.186	6.8272	-0.90231	-9.0789	-15.823	-19.618	-19.610	-15.736	-8.7388
5.46	10.004	14.060	12.768	7.3082	-0.64768	-9.1001	-16.102	-20.080	-20.130	-16.180	-8.9925
5.48	10.356	14.622	13.379	7.8083	-0.37958	-9.1230	-16.390	-20.566	-20.678	-16.648	-9.2606
5.50	10.722	15.212	14.021	8.3295	-0.096942	-9.1448	-16.710	-21.080	-21.257	-17.142	-9.5438
5.52	11.105	15.837	14.696	8.8837	-0.20134	-9.1684	-17.039	-21.622	-21.868	-17.665	-9.8431
5.54	11.507	16.498	15.406	9.4689	0.51665	-9.1928	-17.386	-22.194	-22.515	-18.217	-10.160
5.56	11.928	17.195	16.155	10.086	0.85045	-9.2180	-17.757	-22.801	-23.200	-18.803	-10.496
5.58	12.371	17.885	16.946	10.740	1.2044	-9.2439	-18.141	-23.443	-23.927	-19.425	-10.852
5.60	12.838	18.647	17.783	11.432	1.5803	-9.2707	-18.533	-24.126	-24.698	-20.085	-11.231
5.62	13.330	19.452	18.670	12.167	1.9802	-9.2984	-18.940	-24.851	-25.520	-20.789	-11.635
5.64	13.850	20.305	19.611	12.949	2.4065	-9.3260	-19.365	-25.623	-26.395	-21.538	-12.065
5.66	14.401	21.209	20.611	13.781	2.8617	-9.3560	-19.809	-26.447	-27.323	-22.339	-12.525
5.68	14.985	22.171	21.678	14.670	3.3487	-9.3861	-20.278	-27.328	-28.328	-23.196	-13.017

TABLE III - VALUES OF THE COEFFICIENT c'_6 - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12
5.70	15.606	28.197	22.016	15.621	8.8711	-9.4170	-21.048	-20.271	-29.400	-24.115	-19.945
5.72	16.267	24.292	24.085	16.631	4.3825	-9.4488	-21.648	-29.288	-30.550	-25.102	-14.112
5.74	16.974	25.464	25.342	17.787	5.6908	-9.4814	-22.298	-30.872	-31.709	-26.166	-14.724
5.76	17.730	26.723	26.748	18.918	5.6908	-9.5148	-22.993	-31.546	-32.126	-27.315	-15.384
5.78	18.543	28.078	28.265	20.194	6.8987	-9.5481	-23.753	-32.817	-32.573	-28.559	-16.099
5.80	19.419	29.541	29.907	21.577	7.1678	-9.5842	-24.572	-34.194	-34.144	-29.909	-16.876
5.82	20.365	31.127	31.689	23.082	8.0160	-9.6208	-25.461	-35.694	-37.855	-31.341	-17.723
5.84	21.398	32.852	33.681	24.724	8.9285	-9.6572	-26.430	-37.381	-39.725	-32.930	-18.648
5.86	22.512	34.785	35.754	26.523	9.9808	-9.6949	-27.490	-39.126	-41.776	-34.756	-19.665
5.88	23.736	36.800	38.067	28.503	11.072	-9.7336	-28.656	-41.102	-44.036	-36.703	-20.785
5.90	25.082	39.075	40.662	30.691	12.278	-9.7732	-29.948	-43.287	-46.537	-38.858	-22.024
5.92	26.570	41.594	43.519	33.123	13.643	-9.8137	-31.371	-45.715	-49.319	-41.256	-23.407
5.94	28.224	44.401	46.707	35.841	15.179	-9.8551	-32.965	-48.380	-52.481	-43.940	-24.958
5.96	30.075	47.548	50.287	38.899	16.909	-9.8974	-34.756	-51.385	-55.904	-46.559	-26.695
5.98	32.161	51.104	54.337	42.362	18.878	-9.9407	-36.782	-54.946	-59.907	-50.392	-28.671
6.00	34.534	55.158	58.957	46.818	21.121	-9.9849	-39.094	-59.901	-64.449	-54.913	-30.931
6.01	35.046	57.396	61.519	48.515	22.871	-10.007	-40.876	-61.097	-66.972	-56.492	-32.187
6.02	37.256	59.808	64.276	50.379	24.718	-10.030	-41.755	-63.460	-69.689	-58.940	-33.940
6.03	38.775	62.408	67.249	53.431	25.178	-10.058	-43.243	-66.012	-72.622	-61.873	-35.002
6.04	40.416	65.219	70.467	56.194	26.769	-10.076	-44.858	-68.774	-75.799	-64.118	-36.585
6.05	42.194	68.268	73.959	59.195	28.463	-10.100	-46.602	-71.775	-79.251	-67.101	-38.905
6.06	44.129	71.586	77.768	62.466	30.382	-10.128	-48.509	-75.046	-83.835	-70.954	-40.181
6.07	46.232	75.218	81.926	66.046	32.380	-10.157	-50.585	-78.625	-87.184	-73.915	-42.285
6.08	48.559	79.198	86.493	69.978	34.631	-10.172	-52.871	-82.558	-91.622	-77.830	-44.393
6.09	51.118	83.590	91.538	74.320	37.117	-10.196	-55.398	-86.899	-96.641	-82.158	-46.967
6.10	53.941	88.456	97.128	79.136	39.878	-10.221	-58.190	-91.715	-102.21	-86.951	-49.755
6.11	57.032	93.881	103.36	84.511	42.961	-10.246	-61.309	-97.090	-108.40	-92.807	-52.845
6.12	60.624	99.967	110.35	90.545	46.425	-10.271	-64.809	-103.91	-115.96	-98.828	-56.317
6.13	64.612	106.94	118.26	97.370	50.345	-10.296	-68.765	-109.91	-123.22	-105.13	-60.244
6.14	69.152	114.67	127.28	105.15	54.816	-10.322	-73.274	-117.78	-132.19	-112.89	-64.722
6.15	74.369	123.68	137.64	114.10	59.962	-10.348	-78.458	-126.68	-142.51	-121.82	-69.876
6.16	80.325	134.13	149.68	124.50	65.948	-10.375	-84.432	-137.09	-154.51	-132.21	-75.171
6.17	87.345	146.43	163.85	136.75	72.998	-10.401	-91.570	-149.33	-168.64	-144.43	-82.128
6.18	96.038	161.11	180.77	151.87	81.419	-10.428	-100.03	-163.96	-185.51	-159.04	-91.156
6.19	106.34	178.98	201.31	169.14	91.658	-10.455	-110.80	-181.72	-206.01	-176.78	-101.10

TABLE III - VALUES OF THE COEFFICIENT c_s - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	1/2	7/12	8/12	9/12	10/12	11/12
6.20	119.12	201.02	226.79	131.17	104.85	-10.482	-123.04	-203.76	-231.44	-198.80	-114.31
6.21	135.97	225.14	259.28	219.24	120.54	-10.510	-139.27	-231.82	-263.43	-226.04	-130.50
6.22	156.76	266.14	301.98	256.19	141.85	-10.538	-160.62	-268.78	-306.49	-263.78	-151.82
6.23	186.17	317.05	360.68	307.95	171.19	-10.566	-190.00	-319.63	-365.70	-314.61	-181.17
6.24	229.19	391.52	446.63	381.16	214.13	-10.595	-232.98	-394.05	-451.11	-389.00	-224.11
6.25	298.10	510.85	584.18	500.73	282.96	-10.623	-301.86	-513.32	-588.31	-508.25	-292.96
6.26	426.32	739.07	840.45	722.89	411.21	-10.653	-480.14	-735.48	-845.33	-730.39	-421.21
6.27	749.81	1292.3	1486.7	1282.1	734.02	-10.682	-753.00	-1294.7	-1491.0	-1289.5	-744.04
6.28	3099.3	5362.6	6186.6	5352.3	3083.9	-10.712	-3103.0	-5364.9	-6190.9	-5359.7	-3094.0
6.29	-1447.4	-2512.6	-2906.9	-2123.0	-1462.9	-10.741	-1443.8	2510.4	2902.7	2515.5	1452.8
6.30	-586.05	-1020.7	-1184.3	-1091.1	-601.57	-10.772	-532.46	1018.5	1130.1	1023.7	591.59
6.31	-357.11	-641.54	-746.48	-652.00	-382.71	-10.802	-363.55	639.41	742.34	644.60	372.66
6.32	-267.09	-468.33	-546.51	-473.85	-282.76	-10.833	-263.56	466.25	542.41	471.47	272.70
6.33	-209.77	-369.10	-431.96	-379.68	-225.53	-10.864	-206.29	367.08	427.91	372.32	215.46
6.34	-172.62	-304.78	-357.73	-315.32	-188.46	-10.895	-169.17	302.32	353.73	308.09	178.18
6.35	-146.57	-259.71	-305.42	-270.41	-162.49	-10.927	-143.15	257.80	301.77	263.09	152.10
6.36	-127.30	-225.35	-267.44	-237.12	-142.30	-10.959	-123.91	224.51	263.34	229.82	133.20
6.37	-112.45	-201.67	-237.62	-211.50	-128.53	-10.992	-109.10	198.89	233.77	204.23	118.42
6.38	-100.66	-180.29	-214.42	-191.18	-116.82	-11.025	-97.844	178.56	210.82	183.93	106.70
6.39	-91.066	-163.71	-195.62	-174.66	-107.81	-11.058	-87.787	162.05	191.27	167.43	97.184
6.40	-88.107	-149.97	-179.18	-160.98	-99.440	-11.091	-79.864	148.36	175.48	153.77	89.299
6.41	-76.396	-133.36	-165.64	-149.35	-91.813	-11.125	-73.189	136.83	162.19	142.27	82.662
6.42	-70.658	-128.43	-154.64	-139.62	-87.161	-11.159	-67.487	126.39	150.85	132.46	76.999
6.43	-65.695	-119.92	-144.60	-131.12	-82.284	-11.193	-62.559	118.90	141.06	123.99	72.111
6.44	-61.358	-112.45	-136.61	-123.72	-78.084	-11.228	-58.259	111.09	132.52	116.60	67.850
6.45	-57.534	-105.87	-128.15	-117.20	-74.298	-11.263	-54.471	104.57	125.01	110.11	64.103
6.46	-54.137	-100.02	-121.73	-111.42	-70.989	-11.298	-51.111	98.784	118.35	104.35	60.784
6.47	-51.098	-94.798	-115.74	-106.26	-68.038	-11.334	-48.108	90.623	112.41	99.217	57.822
6.48	-48.363	-90.099	-110.15	-101.63	-65.822	-11.370	-45.409	84.987	107.08	94.609	55.165
6.49	-45.886	-85.849	-105.19	-97.445	-63.005	-11.406	-42.970	84.802	102.27	90.451	52.767
6.50	-43.633	-81.987	-101.07	-93.650	-60.643	-11.443	-40.753	81.008	97.902	86.680	50.593
6.51	-41.573	-78.460	-97.032	-90.151	-58.075	-11.480	-38.731	77.541	93.925	83.246	48.618
6.52	-39.683	-75.226	-93.838	-87.026	-57.076	-11.517	-36.878	74.373	90.287	80.105	46.803
6.53	-37.941	-72.250	-90.942	-84.118	-55.427	-11.555	-35.173	71.362	86.947	77.223	45.142
6.54	-36.330	-69.501	-88.408	-81.439	-53.910	-11.593	-33.600	68.779	83.870	74.563	43.613

TABLE III - VALUES OF THE COEFFICIENT C_6^1 - CONTINUED

λ	RATIO λ/L										
	1/12	2/12	3/12	4/12	5/12	1/2	7/12	8/12	9/12	10/12	11/12
6.55	-35.895	-66.954	-83.907	-78.962	-52.510	-11.632	32.144	66.299	91.027	72.117	42.201
6.56	-33.444	-64.587	-81.215	-76.665	-51.214	-11.671	30.791	63.998	78.892	69.846	40.893
6.57	-32.146	-62.381	-78.708	-74.580	-50.011	-11.710	29.531	61.859	75.944	67.736	39.679
6.53	-30.382	-60.313	-76.869	-72.540	-48.893	-11.750	28.359	59.866	73.664	65.772	38.548
6.59	-29.722	-58.888	-74.181	-70.680	-47.851	-11.790	27.253	58.003	71.535	63.940	37.498
6.60	-28.721	-56.574	-72.129	-68.940	-46.877	-11.830	26.221	56.258	69.543	62.226	36.507
6.62	-26.757	-53.260	-68.386	-65.772	-45.112	-11.912	24.335	53.903	65.921	59.112	34.716
6.64	-25.000	-50.303	-65.058	-62.364	-43.555	-11.996	22.656	50.266	62.716	56.359	33.123
6.66	-23.415	-47.645	-62.077	-60.458	-42.174	-12.081	21.150	47.752	59.860	53.509	31.727
6.68	-21.976	-45.249	-59.391	-58.209	-40.943	-12.168	19.791	45.494	57.301	51.717	30.469
6.70	-20.662	-43.057	-56.957	-56.180	-39.840	-12.257	18.558	43.456	54.997	49.746	29.338
6.72	-19.455	-41.059	-54.741	-54.340	-38.847	-12.348	17.439	41.607	52.918	47.965	28.318
6.74	-18.342	-39.223	-52.714	-52.666	-37.951	-12.440	16.401	39.923	51.019	46.351	27.394
6.76	-17.310	-37.529	-50.851	-51.135	-37.140	-12.534	15.452	38.382	49.293	44.882	26.554
6.78	-16.349	-35.959	-49.188	-49.791	-36.403	-12.630	14.574	36.963	47.714	43.541	25.788
6.80	-15.450	-34.493	-47.543	-48.499	-35.732	-12.723	13.760	35.666	46.263	42.318	25.088
6.82	-14.607	-33.134	-46.066	-47.257	-35.120	-12.827	13.002	34.463	44.981	41.196	24.446
6.84	-13.813	-31.857	-44.691	-46.118	-34.561	-12.929	12.294	33.349	43.792	40.143	23.856
6.86	-13.062	-30.656	-43.405	-45.120	-34.049	-13.039	11.630	32.314	42.565	39.194	23.314
6.88	-12.351	-29.525	-42.201	-44.168	-33.580	-13.149	11.006	31.351	41.512	38.312	22.813
6.90	-11.675	-28.455	-41.069	-43.231	-33.151	-13.247	10.418	30.432	40.535	37.496	22.352
6.92	-11.040	-27.441	-40.004	-42.352	-32.756	-13.357	9.8622	29.611	39.627	36.740	21.925
6.94	-10.444	-26.478	-38.998	-41.677	-32.395	-13.469	9.3358	28.824	38.781	36.039	21.530
6.96	-9.8780	-25.560	-38.047	-40.951	-32.062	-13.584	8.8357	28.085	37.993	35.389	21.165
6.98	-9.2554	-24.684	-37.145	-40.269	-31.758	-13.701	8.3598	27.391	37.257	34.784	20.827
7.00	-8.7089	-23.845	-36.288	-39.628	-31.479	-13.820	7.9036	26.737	36.570	34.228	20.519
7.02	-8.1514	-23.040	-35.478	-39.025	-31.228	-13.942	7.4714	26.120	35.927	33.700	20.222
7.04	-7.6712	-22.267	-34.695	-38.456	-30.989	-14.067	7.0594	25.538	35.325	33.215	19.958
7.06	-7.1767	-21.523	-33.952	-37.919	-30.775	-14.193	6.6560	24.987	34.762	32.763	19.708
7.08	-6.6965	-20.805	-33.242	-37.412	-30.581	-14.323	6.2717	24.466	34.234	32.342	19.472
7.10	-6.2294	-20.110	-32.560	-36.938	-30.404	-14.455	5.9014	23.972	33.739	31.952	19.259
7.12	-5.7740	-19.438	-31.906	-36.478	-30.244	-14.590	5.5498	23.503	33.275	31.508	19.061
7.14	-5.3294	-18.785	-31.277	-36.048	-30.100	-14.723	5.1980	23.053	32.840	31.251	18.879
7.16	-4.8946	-18.151	-30.671	-35.640	-29.971	-14.863	4.8628	22.635	32.432	30.988	18.711
7.18	-4.4686	-17.534	-30.086	-35.252	-29.856	-15.013	4.5574	22.232	32.049	30.649	18.557

TABLE III - VALUES OF THE COEFFICIENT C_5^1 - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	1/12	7/12	8/12	9/12	10/12	11/12
7.20	-4.0507	-16.932	-29.522	-34.884	-29.755	-15.160	4.2210	21.088	31.691	30.381	18.416
7.22	-3.6400	-16.845	-28.976	-34.535	-29.666	-15.810	3.9129	21.482	31.835	30.183	18.287
7.24	-3.2359	-15.770	-28.446	-34.202	-29.589	-15.468	3.6123	21.188	31.640	29.906	18.169
7.26	-2.8377	-15.207	-27.933	-33.835	-29.525	-15.620	3.3186	20.800	30.746	29.697	18.063
7.28	-2.4448	-14.655	-27.404	-33.584	-29.471	-15.780	3.0312	20.482	30.472	29.505	17.968
7.30	-2.0566	-14.118	-26.949	-33.297	-29.429	-15.944	2.7495	20.178	30.215	29.331	17.882
7.32	-1.6735	-13.579	-26.476	-33.028	-29.396	-16.111	2.4730	19.887	29.977	29.174	17.807
7.34	-1.2920	-13.054	-26.015	-32.762	-29.374	-16.282	2.2012	19.608	29.755	29.032	17.741
7.36	-0.91478	-12.536	-25.565	-32.510	-29.362	-16.457	1.9336	19.341	29.549	28.905	17.684
7.38	-0.54023	-12.024	-25.125	-32.276	-29.359	-16.636	1.6898	19.086	29.358	28.793	17.636
7.40	-0.16797	-11.516	-24.694	-32.049	-29.365	-16.818	1.4093	18.841	29.182	28.695	17.597
7.42	+0.20242	-11.017	-24.272	-31.833	-29.381	-17.006	1.1518	18.606	29.021	28.611	17.566
7.44	+0.57184	-10.521	-23.857	-31.626	-29.405	-17.197	0.89693	18.390	28.873	28.540	17.539
7.46	+0.98915	-10.029	-23.450	-31.429	-29.438	-17.398	0.64424	18.164	28.739	28.482	17.519
7.48	+1.4062	-9.5393	-23.049	-31.241	-29.479	-17.593	0.39342	17.956	28.617	28.437	17.522
7.50	1.6729	-9.0523	-22.654	-31.061	-29.525	-17.799	0.14413	17.756	28.508	28.405	17.523
7.52	2.0395	-8.5684	-22.264	-30.889	-29.587	-18.009	-0.10395	17.565	28.411	28.384	17.531
7.54	2.4064	-8.0856	-21.880	-30.725	-29.658	-18.224	-0.35118	17.380	28.327	28.376	17.547
7.56	2.7740	-7.6039	-21.500	-30.569	-29.727	-18.445	-0.59774	17.208	28.252	28.379	17.571
7.58	3.1424	-7.1228	-21.128	-30.420	-29.810	-18.670	-0.84406	17.039	28.191	28.394	17.601
7.60	3.5120	-6.6418	-20.750	-30.277	-29.900	-18.902	-1.0904	16.869	28.140	28.421	17.639
7.62	3.8852	-6.1605	-20.331	-30.141	-29.998	-19.139	-1.3370	16.712	28.101	28.459	17.684
7.64	4.2562	-5.6784	-20.013	-30.011	-30.104	-19.382	-1.5843	16.560	28.071	28.508	17.737
7.66	4.6318	-5.1949	-19.648	-29.882	-30.218	-19.631	-1.8328	16.415	28.039	28.569	17.796
7.68	5.0088	-4.7098	-19.284	-29.770	-30.340	-19.887	-2.0816	16.274	28.005	28.641	17.863
7.70	5.3891	-4.2224	-18.922	-29.657	-30.470	-20.149	-2.3328	16.139	28.047	28.724	17.937
7.72	5.7728	-3.7324	-18.561	-29.551	-30.608	-20.418	-2.5847	16.010	28.060	28.819	18.019
7.74	6.1589	-3.2393	-18.200	-29.449	-30.755	-20.694	-2.8391	15.885	28.068	28.925	18.106
7.76	6.5491	-2.7427	-17.839	-29.352	-30.905	-20.978	-3.0957	15.764	28.117	29.042	18.204
7.78	6.9432	-2.2420	-17.478	-29.260	-31.072	-21.269	-3.3550	15.649	28.160	29.171	18.306
7.80	7.3415	-1.7369	-17.116	-29.173	-31.243	-21.568	-3.6171	15.538	28.214	29.312	18.419
7.82	7.7443	-1.2263	-16.758	-29.091	-31.423	-21.875	-3.8828	15.431	28.270	29.464	18.536
7.84	8.1520	-0.71148	-16.398	-29.012	-31.611	-22.191	-4.1510	15.328	28.330	29.628	18.665
7.86	8.5649	-0.19011	-16.022	-28.938	-31.808	-22.515	-4.4235	15.229	28.400	29.805	18.800
7.88	8.9833	-0.83757	-15.658	-28.869	-32.014	-22.849	-4.7001	15.133	28.481	29.994	18.944

TABLE III - VALUES OF THE COEFFICIENT C_1' - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	1/2	7/12	8/12	9/12	10/12	11/12
7.90	9.4075	0.8712	-15.281	-28.809	-82.230	-23.192	-4.9811	15.042	20.639	30.195	19.095
7.92	9.8079	1.4141	-14.907	-28.741	-82.154	-28.545	-5.2668	14.954	20.756	30.409	19.255
7.94	10.275	1.9539	-14.528	-28.688	-82.089	-28.908	-5.5576	14.870	20.863	31.686	19.424
7.96	10.719	2.5222	-14.146	-28.628	-82.028	-24.282	-5.8589	14.789	20.922	30.876	19.602
7.98	11.170	3.0896	-13.760	-28.577	-81.967	-24.667	-6.1560	14.711	29.171	31.180	19.789
8.00	11.625	3.6655	-13.368	-28.530	-81.912	-25.044	-6.4538	14.636	29.388	31.399	19.985
8.02	12.096	4.2587	-12.971	-28.485	-81.857	-25.478	-6.7792	14.565	29.506	31.931	20.192
8.04	12.572	4.8517	-12.569	-28.445	-81.804	-25.895	-7.1012	14.496	29.690	31.979	20.408
8.06	13.057	5.4618	-12.160	-28.408	-81.752	-26.330	-7.4306	14.431	29.888	32.292	20.685
8.08	13.551	6.0890	-11.744	-28.378	-81.701	-26.775	-7.7680	14.368	30.097	32.621	20.878
8.10	14.056	6.7177	-11.321	-28.352	-81.653	-27.242	-8.1188	14.308	30.320	32.966	21.122
8.12	14.571	7.3660	-10.890	-28.314	-81.605	-27.720	-8.4686	14.251	30.556	33.329	21.382
8.14	15.097	8.0288	-10.450	-28.289	-81.562	-28.215	-8.8288	14.196	30.806	33.709	21.655
8.16	15.635	8.7070	-10.001	-28.266	-81.516	-28.726	-9.2011	14.144	31.071	34.107	21.940
8.18	16.185	9.4018	-9.5428	-28.247	-81.472	-29.254	-9.5970	14.094	31.348	34.525	22.239
8.20	16.748	10.113	-9.0736	-28.230	-81.432	-29.801	-9.9832	14.047	31.642	34.962	22.551
8.22	17.325	10.842	-8.5936	-28.216	-81.397	-30.367	-10.395	14.002	31.952	35.420	22.877
8.24	17.917	11.591	-8.1014	-28.205	-81.367	-30.958	-10.817	13.960	32.278	35.900	23.218
8.26	18.523	12.360	-7.5965	-28.196	-81.341	-31.560	-11.251	13.920	32.621	36.402	23.575
8.28	19.146	13.151	-7.0781	-28.190	-81.317	-32.189	-11.700	13.882	32.982	36.928	23.949
8.30	19.786	13.964	-6.5450	-28.186	-81.296	-32.843	-12.164	13.846	33.362	37.479	24.339
8.32	20.444	14.801	-5.9966	-28.185	-81.279	-33.521	-12.648	13.818	33.761	38.056	24.748
8.34	21.120	15.664	-5.4314	-28.187	-81.262	-34.225	-13.140	13.791	34.180	38.660	25.175
8.36	21.817	16.554	-4.8490	-28.191	-81.247	-34.957	-13.655	13.762	34.621	39.292	25.623
8.38	22.534	17.478	-4.2476	-28.197	-81.233	-35.718	-14.189	13.734	35.085	39.956	26.092
8.40	23.275	18.422	-3.6261	-28.206	-81.223	-36.510	-14.744	13.699	35.572	40.652	26.589
8.42	24.039	19.394	-2.9893	-28.217	-81.218	-37.335	-15.320	13.676	36.084	41.381	27.098
8.44	24.828	20.420	-2.3175	-28.230	-81.216	-38.195	-15.920	13.655	36.622	42.146	27.637
8.46	25.644	21.478	-1.6273	-28.246	-81.219	-39.092	-16.544	13.635	37.188	42.948	28.203
8.48	26.489	22.564	-0.91090	-28.268	-81.227	-40.028	-17.195	13.618	37.782	43.791	28.797
8.50	27.364	23.698	-0.16637	-28.283	-81.237	-41.004	-17.875	13.602	38.409	44.677	29.422
8.52	28.271	24.876	+0.60900	-28.306	-81.250	-42.029	-18.589	13.588	39.059	45.608	30.078
8.54	29.213	26.102	-1.1147	-28.330	-81.263	-43.100	-19.326	13.576	39.764	46.588	30.768
8.56	30.192	27.379	-2.2561	-28.357	-81.279	-44.222	-20.103	13.566	40.516	47.619	31.494
8.58	31.211	28.711	-3.1347	-28.386	-81.299	-45.393	-20.917	13.557	41.268	48.706	32.259

TABLE III - VALUES OF THE COEFFICIENT c'_6 - CONT'D

λ	RATIO \bar{x}/L											
	1/12	2/12	3/12	4/12	5/12	1/2	7/12	8/12	9/12	10/12	11/12	
8.60	32.272	30.101	4.0580	-28.417	-49.169	-46.685	-21.772	13.551	42.084	49.852	33.066	
8.62	33.379	31.555	5.0158	-28.450	-50.024	-47.933	-22.670	12.546	42.215	51.062	33.917	
8.64	34.595	33.077	6.0239	-28.485	-51.029	-49.300	-23.614	13.543	43.856	52.841	34.817	
8.66	35.744	34.672	7.0830	-28.523	-52.087	-50.740	-24.610	13.541	44.819	53.693	35.769	
8.68	37.010	36.347	8.1969	-28.562	-53.203	-52.260	-25.660	13.541	45.840	55.125	36.776	
8.70	38.337	38.108	9.3701	-28.601	-54.381	-53.865	-26.769	13.543	46.923	56.643	37.845	
8.72	39.732	39.962	10.608	-28.647	-55.626	-55.561	-27.943	13.547	48.078	58.254	38.979	
8.74	41.200	41.918	11.916	-28.693	-56.945	-57.263	-29.187	13.552	49.295	59.968	40.184	
8.76	42.746	43.985	13.302	-28.741	-58.343	-59.274	-30.508	13.555	50.597	61.792	41.468	
8.78	44.380	46.173	14.771	-28.791	-59.828	-61.805	-31.914	13.567	51.965	63.737	42.837	
8.80	46.108	48.494	16.333	-28.843	-61.409	-63.469	-33.411	13.577	53.463	65.815	44.300	
8.82	47.941	50.961	17.997	-28.897	-63.093	-65.778	-35.011	13.589	55.055	68.039	45.865	
8.84	49.889	53.589	19.773	-28.959	-64.893	-68.248	-36.722	13.603	56.737	70.423	47.544	
8.86	51.968	56.395	21.674	-29.011	-66.820	-70.896	-38.558	13.618	58.535	72.985	49.348	
8.88	54.179	59.399	23.713	-29.071	-68.968	-73.741	-40.532	13.634	60.553	75.745	51.291	
8.90	56.551	62.624	25.906	-29.133	-71.118	-76.805	-42.660	13.653	62.678	78.724	53.390	
8.91	57.802	64.827	27.066	-29.165	-72.290	-78.428	-43.788	13.662	63.805	80.304	54.503	
8.92	59.099	66.095	28.272	-29.198	-73.514	-80.116	-44.961	13.672	64.978	81.949	55.662	
8.93	60.445	67.393	29.527	-29.230	-74.786	-81.813	-46.183	13.683	66.200	83.663	56.870	
8.94	61.843	68.814	30.833	-29.264	-76.111	-83.703	-47.456	13.694	67.474	85.451	58.129	
8.95	63.297	71.833	32.194	-29.298	-77.491	-85.612	-48.784	13.705	68.803	87.316	59.444	
8.96	64.810	73.905	33.613	-29.332	-78.931	-87.618	-50.170	13.717	70.192	89.265	60.817	
8.97	66.386	76.066	35.095	-29.367	-80.433	-89.642	-51.618	13.729	71.638	91.302	62.253	
8.98	68.029	78.321	36.643	-29.403	-82.003	-91.846	-53.134	13.742	73.151	93.493	63.755	
8.99	69.744	80.678	38.263	-29.439	-83.644	-94.181	-54.719	13.755	74.730	95.665	65.328	
9.00	71.536	83.148	39.958	-29.475	-85.362	-96.514	-56.381	13.768	76.316	98.005	66.978	
9.01	73.410	85.724	41.736	-29.512	-87.163	-98.843	-58.125	13.782	78.165	100.46	68.710	
9.02	75.378	88.480	43.601	-29.550	-89.052	-101.64	-59.951	13.796	80.001	103.04	70.530	
9.03	77.430	91.270	45.560	-29.588	-91.036	-104.89	-61.842	13.811	81.933	105.76	72.444	
9.04	79.590	94.254	47.622	-29.627	-93.122	-107.80	-63.909	13.826	83.967	108.62	74.460	
9.05	81.861	97.395	49.798	-29.666	-95.319	-110.85	-66.047	13.841	86.111	111.63	76.586	
9.06	84.272	100.71	52.084	-29.705	-97.636	-113.58	-68.303	13.857	88.375	114.81	78.832	
9.07	86.772	104.20	54.503	-29.746	-100.09	-116.39	-70.659	13.873	90.768	118.18	81.207	
9.08	89.434	107.89	57.064	-29.786	-102.67	-120.60	-73.214	13.890	93.303	121.74	83.722	
9.09	92.250	111.80	59.777	-29.828	-105.41	-124.42	-75.893	13.907	95.991	125.53	86.391	

TABLE III - VALUES OF THE COEFFICIENT C_1^1 - CONTINUED

λ	RATIO $\bar{\lambda}/L$											
	1/12	2/12	3/12	4/12	5/12	1/2	7/12	8/12	9/12	10/12	11/12	
9.10	95.233	115.95	62.658	-29.819	-108.32	-128.49	-78.739	13.924	98.846	129.51	89.227	
9.11	91.401	120.35	65.722	-29.912	-111.42	-132.81	-81.768	13.942	101.89	133.82	92.247	
9.12	101.77	125.04	68.987	-29.655	-114.21	-137.42	-84.952	13.960	105.13	138.39	95.468	
9.13	105.36	130.05	72.474	-29.998	-118.28	-142.34	-88.451	13.979	108.59	143.27	98.910	
9.14	109.20	135.40	76.206	-30.042	-121.92	-147.60	-92.148	13.998	112.30	148.49	102.60	
9.15	113.31	141.14	80.211	-30.086	-126.03	-153.26	-96.116	14.017	116.28	154.10	106.56	
9.16	117.72	147.31	84.518	-30.132	-130.87	-158.84	-100.39	14.037	120.56	160.14	110.82	
9.17	122.48	153.96	89.164	-30.177	-135.05	-165.90	-105.00	14.058	125.19	166.65	115.42	
9.18	127.61	161.14	94.190	-30.223	-140.11	-173.00	-109.99	14.078	130.19	173.71	120.41	
9.19	133.18	168.93	99.644	-30.270	-145.60	-180.70	-115.41	14.100	135.63	181.37	125.82	
9.20	139.23	177.41	105.59	-30.317	-151.57	-189.10	-121.31	14.121	141.54	189.72	131.71	
9.21	145.83	186.68	112.08	-30.365	-158.11	-196.17	-127.77	14.143	148.02	198.35	138.16	
9.22	153.07	196.84	119.21	-30.413	-165.27	-208.05	-134.06	14.166	155.13	208.58	145.25	
9.23	161.05	208.04	127.07	-30.462	-173.17	-219.44	-142.69	14.189	162.37	219.95	153.07	
9.24	169.87	220.45	135.79	-30.511	-181.92	-231.18	-151.37	14.212	171.66	232.22	161.74	
9.25	179.70	234.26	145.50	-30.561	-191.68	-245.51	-161.04	14.236	181.36	245.90	171.41	
9.26	190.71	249.75	156.39	-30.612	-202.61	-260.90	-171.90	14.260	192.23	261.26	182.26	
9.27	203.12	267.23	168.69	-30.663	-214.95	-278.29	-184.16	14.284	204.51	278.60	194.51	
9.28	217.24	287.17	182.70	-30.715	-228.99	-293.09	-198.13	14.309	218.50	298.35	208.47	
9.29	233.44	309.95	198.78	-30.767	-245.12	-320.86	-214.17	14.335	234.56	321.04	224.51	
9.30	252.22	336.42	217.44	-30.820	-263.82	-347.21	-232.79	14.361	253.21	347.38	243.13	
9.31	274.25	367.50	239.35	-30.873	-285.75	-378.20	-254.67	14.387	275.10	378.38	265.00	
9.32	300.47	404.50	265.45	-30.927	-311.92	-415.11	-280.73	14.414	301.15	415.19	291.06	
9.33	332.20	449.29	297.07	-30.982	-343.57	-459.81	-312.30	14.441	332.78	459.84	322.62	
9.34	371.39	504.63	336.14	-31.037	-382.65	-515.06	-351.24	14.469	371.94	515.04	351.65	
9.35	421.03	574.76	385.66	-31.093	-432.26	-585.09	-400.82	14.497	421.95	585.03	411.13	
9.36	485.97	666.51	450.48	-31.149	-497.12	-676.75	-455.60	14.525	456.15	676.65	475.90	
9.37	574.59	751.75	538.97	-31.206	-585.66	-801.89	-524.05	14.554	574.82	801.74	564.35	
9.38	702.73	972.88	666.99	-31.263	-713.73	-982.94	-622.03	14.584	702.63	982.74	692.33	
9.39	504.50	1258.1	869.64	-31.321	-915.42	-1268.1	-863.64	14.614	904.26	1267.9	393.93	
9.40	1269.1	1773.6	1232.1	-31.380	-1279.9	-1789.5	-1248.0	14.644	1268.7	1783.2	1258.3	
9.41	2126.8	2986.6	2050.7	-31.439	-2137.6	-2996.4	-2105.6	14.675	2126.3	2976.0	2115.2	
9.42	6574.7	9276.7	6538.4	-31.499	-6585.4	-9286.4	-6533.8	14.706	6574.0	9286.0	6563.6	
9.43	-6012.0	-8523.6	-6048.3	-31.560	6001.4	8514.0	6033.5	14.738	-6012.8	-8514.4	-6023.2	
9.44	-2061.1	-2936.2	-2091.6	-31.621	2050.5	2926.8	2082.8	14.771	-2062.0	-2927.2	-2072.5	

TABLE III -- VALUES OF THE COEFFICIENT C'_S -- CONTINUED

λ	RATIO x/L											
	1/12	2/12	3/12	4/12	5/12	1/2	7/12	8/12	9/12	10/12	11/12	
9.45	-1243.0	-1779.4	-1279.6	-31.683	132.5	1770.0	1264.9	14.803	-1244.1	-1770.5	-1254.6	
9.46	-693.36	-1279.4	-226.11	-31.745	178.97	1270.1	911.40	14.837	-890.58	-1270.6	-901.13	
9.47	-692.08	-1000.4	-728.96	-31.808	181.77	991.25	714.29	14.870	-693.44	-991.89	-704.02	
9.48	-566.21	-822.58	-608.22	-31.872	155.97	913.43	588.59	14.904	-567.71	-814.11	-578.35	
9.49	-478.90	-699.14	-516.04	-31.936	168.74	550.14	501.46	14.939	-480.55	-690.88	-491.20	
9.50	-414.77	-608.54	-452.05	-32.001	104.69	599.64	437.51	14.974	-416.56	-600.43	-427.25	
9.51	-365.67	-539.19	-403.08	-32.066	355.56	530.39	388.58	15.010	-367.60	-531.22	-378.92	
9.52	-326.85	-434.38	-364.40	-32.133	316.98	475.68	349.94	15.046	-328.93	-476.57	-339.68	
9.53	-295.39	-439.98	-333.67	-32.199	285.54	431.38	318.66	15.083	-297.62	-432.31	-308.40	
9.54	-269.37	-406.27	-307.19	-32.267	259.60	394.77	292.82	15.120	-271.74	-395.76	-282.56	
9.55	-247.48	-372.41	-285.44	-32.335	237.79	364.02	271.12	15.158	-250.00	-365.05	-260.86	
9.56	-228.82	-346.11	-266.91	-32.404	219.21	337.81	252.63	15.196	-231.49	-338.90	-242.38	
9.57	-212.70	-323.42	-250.94	-32.473	203.17	315.22	236.70	15.234	-215.52	-316.36	-226.45	
9.58	-198.65	-303.64	-237.03	-32.544	189.20	295.54	222.84	15.274	-201.62	-296.74	-212.59	
9.59	-186.29	-286.24	-224.80	-32.614	176.91	278.25	210.66	15.313	-189.40	-279.50	-200.41	
9.60	-175.32	-270.82	-213.97	-32.686	166.02	262.94	199.88	15.354	-178.58	-264.23	-189.63	
9.61	-165.52	-257.06	-204.82	-32.758	156.80	249.28	190.27	15.394	-168.93	-250.63	-180.02	
9.62	-156.71	-244.70	-195.65	-32.831	147.57	237.02	181.65	15.436	-160.27	-238.42	-171.40	
9.63	-148.75	-233.58	-187.63	-32.905	139.69	225.96	173.88	15.478	-152.46	-227.42	-163.63	
9.64	-141.51	-223.40	-180.74	-32.979	132.53	215.93	166.84	15.520	-145.88	-217.44	-156.58	
9.65	-134.91	-214.15	-174.28	-33.054	126.01	206.80	160.43	15.563	-138.93	-209.36	-150.17	
9.66	-128.86	-205.69	-168.48	-33.130	120.03	196.44	154.57	15.607	-133.03	-200.06	-144.31	
9.67	-123.28	-197.91	-162.95	-33.206	114.54	190.77	149.19	15.651	-127.61	-192.44	-138.94	
9.68	-118.14	-190.73	-157.46	-33.283	109.48	183.70	144.25	15.695	-122.62	-185.42	-133.99	
9.69	-113.37	-184.09	-153.34	-33.361	104.79	177.16	139.68	15.740	-118.01	-178.95	-129.42	
9.70	-108.94	-177.92	-149.06	-33.440	100.44	171.11	135.45	15.786	-113.74	-172.94	-125.19	
9.72	-100.95	-166.42	-141.30	-33.599	92.612	160.23	127.96	15.879	-106.06	-162.18	-117.60	
9.74	-98.940	-157.11	-134.67	-33.762	85.762	150.74	121.26	15.975	-99.865	-152.80	-111.00	
9.76	-97.730	-148.53	-128.77	-33.927	79.715	142.39	115.47	16.073	-98.476	-144.57	-105.20	
9.78	-92.167	-140.89	-123.55	-34.096	74.835	134.98	110.35	16.173	-88.256	-137.28	-100.07	
9.80	-77.202	-134.05	-118.88	-34.267	69.515	128.37	105.79	16.276	-85.537	-130.79	-95.509	
9.82	-72.692	-127.89	-114.70	-34.442	65.169	122.44	101.71	16.381	-79.416	-124.97	-91.426	
9.84	-68.526	-122.29	-110.92	-34.621	61.229	117.08	98.049	16.489	-75.642	-119.74	-87.752	
9.86	-64.828	-117.19	-107.49	-34.802	57.688	112.22	94.738	16.600	-72.221	-115.50	-84.433	
9.88	-61.372	-112.52	-104.38	-34.987	54.349	107.80	91.795	16.713	-69.104	-110.70	-81.422	

TABLE III - VALUES OF THE COEFFICIENT C'_S - CONTINUED

λ	RATIO λ/L										
	1/12	2/12	3/12	4/12	5/12	1/2	7/12	8/12	9/12	10/12	11/12
9.90	-58.180	-108.23	-101.53	-85.176	51.325	103.75	89.002	16.827	-66.254	-106.78	-78.679
9.92	-55.218	-104.26	-98.911	-85.307	48.583	100.03	86.507	16.943	-63.689	-103.20	-76.174
9.94	-52.460	-100.59	-96.503	-85.562	45.944	96.610	84.222	17.069	-61.230	-99.904	-73.878
9.96	-49.882	-97.168	-94.281	-85.762	43.537	93.448	82.124	17.194	-59.006	-96.876	-71.768
9.98	-47.465	-93.978	-92.224	-85.965	41.291	90.518	80.138	17.321	-56.945	-94.081	-69.826
10.00	-45.190	-90.993	-90.314	-86.171	39.189	87.736	78.412	17.451	-55.032	-91.498	-68.033
10.02	-43.043	-88.192	-88.538	-86.382	37.217	85.262	76.767	17.585	-53.251	-89.104	-66.374
10.04	-41.012	-85.557	-86.881	-86.596	35.360	82.996	75.245	17.721	-51.588	-86.881	-64.838
10.06	-39.084	-83.071	-85.334	-86.814	33.608	80.804	73.884	17.861	-50.062	-84.314	-63.413
10.08	-37.251	-80.720	-83.885	-87.037	31.950	78.612	72.525	18.004	-48.578	-82.889	-62.088
10.10	-35.502	-78.493	-82.527	-87.263	30.379	76.466	71.310	18.150	-47.211	-81.094	-60.857
10.12	-33.860	-76.377	-81.252	-87.494	28.886	74.335	70.179	18.300	-45.926	-79.417	-59.710
10.14	-32.299	-74.368	-80.052	-87.730	27.464	72.212	69.127	18.454	-44.716	-77.849	-58.641
10.16	-30.691	-72.443	-78.921	-87.969	26.107	70.106	68.148	18.611	-43.574	-76.381	-57.643
10.18	-29.212	-70.609	-77.855	-88.218	24.810	68.950	67.236	18.771	-42.496	-75.007	-56.713
10.20	-27.787	-68.853	-76.848	-88.462	23.567	68.496	66.397	18.936	-41.476	-73.718	-55.845
10.22	-26.410	-67.163	-75.896	-88.716	22.374	67.120	65.556	19.104	-40.510	-72.510	-55.034
10.24	-25.079	-65.552	-74.995	-88.974	21.228	65.815	64.759	19.277	-39.594	-71.376	-54.276
10.26	-23.788	-63.996	-74.141	-89.233	20.123	64.576	64.173	19.453	-38.724	-70.311	-53.562
10.28	-22.535	-62.487	-73.332	-89.506	19.057	63.399	63.585	19.634	-37.898	-69.312	-52.909
10.30	-21.317	-61.050	-72.563	-89.780	18.028	62.278	62.941	19.819	-37.112	-68.373	-52.293
10.32	-20.131	-59.651	-71.833	-90.059	17.031	61.212	62.390	20.008	-36.363	-67.492	-51.719
10.34	-18.974	-58.297	-71.138	-90.344	16.064	60.195	61.879	20.202	-35.650	-66.664	-51.184
10.36	-17.843	-56.985	-70.478	-90.634	15.126	59.226	61.406	20.400	-34.949	-65.887	-50.686
10.38	-16.738	-55.710	-69.849	-90.930	14.218	58.300	60.968	20.603	-34.319	-65.159	-50.223
10.40	-15.655	-54.472	-69.249	-91.232	13.325	57.416	60.565	20.812	-33.694	-64.476	-49.794
10.42	-14.592	-53.266	-68.678	-91.539	12.453	56.570	60.194	21.025	-33.105	-63.836	-49.397
10.44	-13.549	-52.091	-68.133	-91.853	11.611	55.762	59.855	21.248	-32.537	-63.237	-49.030
10.46	-12.523	-50.944	-67.613	-92.174	10.793	54.987	59.545	21.467	-31.993	-62.677	-48.693
10.48	-11.513	-49.820	-67.117	-92.500	9.9726	54.246	59.264	21.696	-31.475	-62.155	-48.383
10.50	-10.517	-48.727	-66.648	-92.834	9.1774	53.535	59.010	21.931	-30.972	-61.669	-48.100
10.52	-9.5304	-47.658	-66.190	-93.174	8.3963	52.853	58.783	22.172	-30.492	-61.217	-47.848
10.54	-8.5619	-46.599	-65.738	-93.522	7.6283	52.199	58.582	22.419	-30.032	-60.797	-47.611
10.56	-7.6009	-45.565	-65.304	-93.876	6.8721	51.571	58.405	22.671	-29.590	-60.410	-47.403
10.58	-6.6491	-44.547	-64.883	-94.238	6.1266	50.968	58.252	22.931	-29.166	-60.053	-47.218

TABLE III - VALUES OF THE COEFFICIENT C'_5 - CONTINUED

λ	RATIO \bar{x}/L										
	1/12	2/12	3/12	4/12	5/12	1/2	7/12	8/12	9/12	10/12	11/12
10.60	-5.7056	-43.546	-64.570	-44.608	5.8907	147.889	58.123	23.197	-28.758	-59.725	-47.056
10.62	-4.7692	-42.560	-64.209	-44.916	4.6634	149.893	58.016	28.469	-28.865	-59.427	-46.915
10.64	-3.8389	-41.587	-63.862	-45.371	3.9437	149.297	57.582	29.799	-27.988	-59.155	-46.797
10.66	-2.9138	-40.626	-63.531	-45.765	3.2306	148.783	57.869	24.936	-27.624	-58.911	-46.699
10.68	-1.9930	-39.676	-63.215	-46.168	2.5282	148.287	57.828	24.383	-27.274	-58.693	-46.622
10.70	-1.0755	-38.735	-62.912	-46.580	1.8208	147.811	57.802	24.637	-26.937	-58.501	-46.565
10.72	-0.16057	-37.804	-62.622	-47.000	1.1228	147.352	57.808	24.951	-26.613	-58.384	-46.528
10.74	0.75275	-36.879	-62.344	-47.430	0.42705	146.910	57.829	25.260	-26.300	-58.191	-46.511
10.76	1.6652	-35.962	-62.079	-47.870	0.26582	146.485	57.869	25.566	-25.998	-58.072	-46.513
10.78	2.5777	-35.050	-61.825	-48.320	-0.95709	146.075	57.930	25.921	-25.707	-57.977	-46.534
10.80	3.4909	-34.142	-61.583	-48.780	-1.6475	145.680	58.010	26.266	-25.427	-57.906	-46.574
10.82	4.4057	-33.238	-61.351	-49.250	-2.3379	145.300	58.111	26.620	-25.156	-57.857	-46.633
10.84	5.3228	-32.337	-61.129	-49.732	-3.0289	144.933	58.230	26.988	-24.895	-57.831	-46.711
10.86	6.2429	-31.437	-60.918	-50.225	-3.7213	144.580	58.369	27.357	-24.643	-57.828	-46.807
10.88	7.1669	-30.539	-60.715	-50.730	-4.4153	144.239	58.528	27.741	-24.400	-57.847	-46.922
10.90	8.0955	-29.640	-60.522	-51.247	-5.1184	143.911	58.707	28.136	-24.165	-57.889	-47.057
10.92	9.0294	-28.741	-60.338	-51.777	-5.8145	143.594	58.905	28.542	-23.938	-57.953	-47.210
10.94	9.9695	-27.839	-60.163	-52.320	-6.5200	143.289	59.123	28.960	-23.719	-58.040	-47.382
10.96	10.916	-26.935	-59.996	-52.876	-7.2306	142.995	59.361	29.390	-23.508	-58.149	-47.578
10.98	11.871	-26.028	-59.837	-53.446	-7.9470	142.712	59.620	29.832	-23.304	-58.280	-47.784
11.00	12.834	-25.116	-59.686	-54.031	-8.6701	142.438	59.899	30.288	-23.106	-58.434	-48.014

DISTRIBUTION LIST - PROJECT NR 064-183 - Task VI

Administrative Reference and Liaison Activities

Chief of Naval Research
Department of the Navy
Washington 25, D.C.
ATTN: Code 438 (4)
: Code 432 (1)
: Code 423 (1)

Director
Naval Research Laboratory
Washington 25, D.C.
ATTN: Tech. Info. Officer (6)
: Technical Library (1)
: Mechanics Division (2)

Commanding Officer
Office of Naval Research
Branch Office
495 Summer Street
Boston 10, Massachusetts (1)

Commanding Officer
Office of Naval Research
Branch Office
346 Broadway
New York 13, New York (1)

Office of Naval Research
The John Crerar Library Bldg.
10th Floor, 86. E. Randolph St.
Chicago 1, Illinois (2)

Commander
U.S. Naval Ordnance Test Station
Inyokern, China Lake, California
ATTN: Code 501 (1)

Commander
U. S. Naval Proving Grounds
Dahlgren, Virginia (1)

Armed Services Technical
Information Agency
Documents Service Center
Knott Building
Dayton 2, Ohio (5)

Commanding Officer
Office of Naval Research
Branch Office
801 Donahue Street
San Francisco 24, California (1)

Commanding Officer
Office of Naval Research
Branch Office
1030 Green Street
Pasadena, California (1)

Officer in Charge
Office of Naval Research
Branch Office, London
Navy No. 100
FPO, New York, New York (1)

Chief, Exchange and Gift Div.
Library of Congress
Washington 25, D.C. (2)

Commander
U.S. Naval Ordnance Test Station
Pasadena Annex
3202 E. Foothill Blvd.
Pasadena 8, California
ATTN: Code P8087 (1)

Department of Defense Other Interested Government Activities GENERAL

Research and Development Board
Department of Defense
Pentagon Building
Washington 25, D.C.
ATTN: Library (Code 3D-1075) (1)

Armed Forces Special Weapons Project
P.O. Box 2610
Washington, D.C.
ATTN: Col. G. F. Blunda (1)
: Lt. Col. Bruce Jones (2)

ARMY

Chief of Staff
Department of the Army
Research and Development Div.
Washington 25, D.C.
ATTN: Chief of Research and
Development. (1)

Office of the Chief of Engineers
Assistant Chief for Public Works
Department of the Army
Bldg. T-7, Gravelly Point
Washington 25, D.C.
ATTN: Structural Branch
(R. L. Bloor) (1)

Engineering Research and
Development Laboratory
Fort Belvoir, Virginia
ATTN: Structures Branch (1)

The Commanding General
Sandia Base, P.O. Box 5100
Albuquerque, New Mexico
ATTN: Col. Canterbury (1)

Corps of Engineers, U.S. Army
Ohio River Division Labs
5851 Mariemont Avenue, Mariemont
Cincinnati 27, Ohio
ATTN: F. M. Mellinger (2)

Operations Research Officer
The John's Hopkins University
6410 Connecticut Avenue
Chevy Chase, Maryland (1)

Office of Chief of Ordnance
Research and Development Service
Department of the Army
The Pentagon
Washington 25, D.C.
ATTN: ORDTB (2)

Ballistic Research Laboratory
Aberdeen Proving Ground
Aberdeen, Maryland
ATTN: Dr. G. W. Lampson (1)

Commanding Officer
Watertown Arsenal
Watertown, Massachusetts
ATTN: Laboratory Division (1)

Commanding Officer
Frankford Arsenal
Philadelphia, Pennsylvania
ATTN: Laboratory Division (1)

Commanding Officer
Squier Signal Laboratory
Fort Monmouth, New Jersey
ATTN: Components and
Materials Branch (1)

Other Interested Government
ActivitiesNAVY

Chief of Bureau of Ships
Navy Department
Washington 25, D.C.
ATTN: Director of Research (2)
: Code 449 (1)
: Code 430 (1)
: Code 421 (1)
: Code 423 (1)

Director
David Taylor Model Basin
Washington 7, D.C.
ATTN: Structural Mechanics
Division (2)

Director
Naval Engineering Experiment
Station
Annapolis, Maryland (1)

Director
Materials Laboratory
New York Naval Shipyard
Brooklyn 1, New York (1)

Chief of Bureau of Ordnance
Navy Department
Washington 25, D.C.
ATTN: Ad-3, Technical Lib. (1)
: Rec., T. N. Girouard (1)

Superintendent
Naval Gun Factory
Washington 25, D.C. (1)

Naval Ordnance Laboratory
White Oak, Maryland
RFD 1, Silver Spring, Maryland
ATTN: Mechanics Division (2)

Naval Ordnance Test Station
Inyokern, China Lake, California
ATTN: Scientific Officer (1)

Chief of Bureau of Aeronautics
Navy Department
Washington 25, D.C.
ATTN: TD-41, Tech. Lib. (1)
: DE-22, C. W. Hurley (1)
: DE-23, E. M. Ryan (1)

Superintendent
Post Graduate School
U.S. Naval Academy
Monterey, California (1)

Naval Air Experimental Station
Naval Air Materiel Center
Naval Base
Philadelphia 12, Pennsylvania
ATTN: Head, Aeronautical
Materials Laboratory (1)

Chief of Bureau of Yards and Docks
Navy Department
Washington 25, D.C.
ATTN: Code P-314 (1)
: Code C-313 (1)

Officer in Charge
Naval Civil Engineering Research
and Evaluation Laboratory
Naval Station
Port Hueneme, California (1)

Commander
U.S. Naval Ordnance Test Station
Inyokern, China Lake, California (1)

AIR FORCES

Commanding General
U.S. Air Forces
The Pentagon
Washington 25, D.C.
ATTN: Research and Development
Division (1)

Commanding General
Air Materiel Command
Wright-Patterson Air Force Base
Dayton, Ohio
ATTN: MCAIDS (2)

Office of Air Research
Wright-Patterson Air Force Base
Dayton, Ohio
ATTN: Chief, Applied Mechanics
Group (1)

Director of Intelligence
Headquarters, U.S. Air Force
Washington 25, D.C.
ATTN: Air Targets Division
Physical Vulnerability Div.
AFOIN-3B (2)

OTHER GOVERNMENT AGENCIES

U. S. Atomic Energy Commission
Division of Research
Washington, D.C. (1)

Argonne National Laboratory
Bailey and Bluff
Lamont, Illinois (1)

Director,
National Bureau of Standards
Washington, D.C.
ATTN: Dr. W. H. Ramberg (2)

U. S. Coast Guard
1300 E Street, N.W.
Washington, D.C.
ATTN: Chief, Testing and
Development Division (1)

Forest Products Laboratory
Madison, Wisconsin
ATTN: L. J. Markwardt (1)

National Advisory Committee
for Aeronautics
1724 F Street, N.W.
Washington, D.C. (1)

National Advisory Committee
for Aeronautics
Langley Field, Virginia
ATTN: Mr. J. E. Duberg (1)
Mr. J. C. Houbolt (1)

National Advisory Committee
for Aeronautics
Cleveland Municipal Airport
Cleveland, Ohio
ATTN: J. H. Collins, Jr. (1)

U.S. Maritime Commission
Technical Bureau
Washington, D.C.
ATTN: Mr. V. Russo (1)

Contractors and Other Investigators
Actively Engaged in Related Research

Professor Lynn Beedle
Fritz Engineering Laboratory
Lehigh University
Bethlehem, Pennsylvania (1)

Professor R. L. Bisplinghoff
Massachusetts Institute of Technology
Cambridge 39, Massachusetts (1)

Dr. Walter Bleakney
Department of Physics
Princeton University
Princeton, New Jersey (1)

Dean H. L. Bowman
College of Engineering
Drexel Institute of Technology
Philadelphia, Pennsylvania (1)

Dr. Francis H. Clauser
Chairman, Dept. of Aeronautics
The Johns Hopkins University
School of Engineering
Baltimore 18, Maryland (1)

Professor T. J. Dolan
Dept. of Theoretical and
Applied Mechanics
University of Illinois
Urbana, Illinois (2)

Professor Lloyd Donnell
Department of Mechanics
Illinois Institute of Technology
Technology Center
Chicago 16, Illinois (1)

Professor W. J. Duncan, Head
Dept. of Aeronautics
James Watt Engineering Labs
The University
Glasgow W. 2
England (1)

Dean W. L. Everitt
College of Engineering
University of Illinois
Urbana, Illinois (1)

Dr. S. J. Fraenkel
Armour Research Foundation
3422 S. Dearborn
Chicago 16, Illinois (1)

Dr. L. Fox
Mathematics Division
National Physical Laboratory
Teddington, Middlesex
England (1)

Professor B. Fried
Washington State College
Pullman, Washington (1)

Professor A. E. Green
Kings College
Newcastle on Tyne, 1, England (1)

Dr. R. J. Hansen
Massachusetts Institute of
Technology
Cambridge 39, Massachusetts (1)

Dr. J. N. Goodier
School of Engineering
Stanford University
Stanford, California (1)

Professor R. M. Hermes
University of Santa Clara
Santa Clara, California (1)

Dr. N. J. Hoff, Head
Department of Aeronautical
Engineering and Applied Mechanics
Polytechnic Institute of Brooklyn
99 Livingston Street
Brooklyn 2, New York (1)

Dr. W. H. Hoppmann
Dept. of Applied Mathematics
Johns Hopkins University
Baltimore, Maryland (1)

Professor W. C. Huntington, Head
Department of Civil Engineering
University of Illinois
Urbana, Illinois (1)

Professor L. S. Jacobsen
Stanford University
Stanford, California (1)

Dr. Bruce Johnston
301 W. Engineering Building
University of Michigan
Ann Arbor, Michigan (1)

Professor W. K. Krefeld
College of Engineering
Columbia University
New York, New York (1)

Professor B. J. Lazan
Department of Mechanics
University of Minnesota
Minneapolis 14, Minnesota (1)

Professor George Lee
Department of Mechanics
Rensselaer Polytechnical Inst.
Troy, New York (1)

Library Engineering Foundation
29 West 39th Street
New York, New York (1)

Dr. W. A. McNair
Vice President, Research
Sandia Corporation
Sandia Base
Albuquerque, New Mexico (1)

Dr. M. L. Merritt
Sandia Corporation
Sandia Base
Albuquerque, New Mexico (1)

Professor N. M. Newmark
Department of Civil Engineering
University of Illinois
Urbana, Illinois (2)

Professor Jesse Ormondroyd
University of Michigan
Ann Arbor, Michigan (1)

Dr. W. R. Usgood
Illinois Institute of Technology
Technology Center
Chicago 16, Illinois (1)

Dr. A. Phillips
School of Engineering
Stanford University
Stanford, California (1)

Dr. W. Prager, Chairman
Physical Sciences Council
Brown University
Providence, Rhode Island (1)

Professor E. Reissner
Department of Mathematics
Massachusetts Institute of Technology
Cambridge 39, Massachusetts (1)

Dr. C. E. Smith
Department of Mathematics
Walker Hall
University of Florida
Gainesville, Florida (1)

Professor R. V. Southwell
The Old House, Trumpington
Cambridge, England (1)

Professor E. Sternberg
Illinois Institute of Technology
Technology Center
Chicago 16, Illinois (1)

Professor F. K. Teichmann
Dept. of Aeronautical Engineering
New York University
University Heights, Bronx
New York, New York (1)

Dean Oswald Tippo
Graduate College
University of Illinois
Urbana, Illinois (1)

Dr. G. E. Uhlenbeck
Engineering Research Institute
University of Michigan
Ann Arbor, Michigan (1)

Professor C. T. Wang
Dept. of Aeronautical Engineering
New York University
University Heights, Bronx
New York, New York (1)

Dr. M. P. White
Department of Civil Engineering
University of Massachusetts
Amherst, Massachusetts (1)

Dr. S. Raynor
Mechanics Research Dept.
American Machine and Foundry Co.
188 W. Randolph Street
Chicago 1, Illinois (1)

TASK VI PROJECT - C.E. RESEARCH STAFF

Dr. W. J. Austin

Dr. T. P. Tung

Dr. A. S. Veletsos

Professor W. H. Munse

Research Assistants (5)

Files (5)

Reserve (20)

Dr. James L. Lubken
Research Engineer
Midwest Research Institute
4049 Pennsylvania Avenue
Kansas City 2, Missouri. (1)

Chief of Engineers
Engineering Division,
Military Construction
Washington 25, D. C.
ATTN: ENGB (2)

Dr. Martin Goland
Midwest Research Institute
4049 Pennsylvania
Kansas City 2, Missouri (1)

Prof. L. E. Goodman
Dept. of Mechanics and Materials
University of Minnesota
Minneapolis, Minnesota (1)